



G O D D E N M A C K A Y

Volume 2 Inventory

Prepared for Department of Public Works and Services Client Service Division

January, 1996

HERITAGE CONSULTANTS
GODDEN MACKAY PTY LTD 78 GEORGE STREET
REDFERN NSW AUSTRALIA 2016

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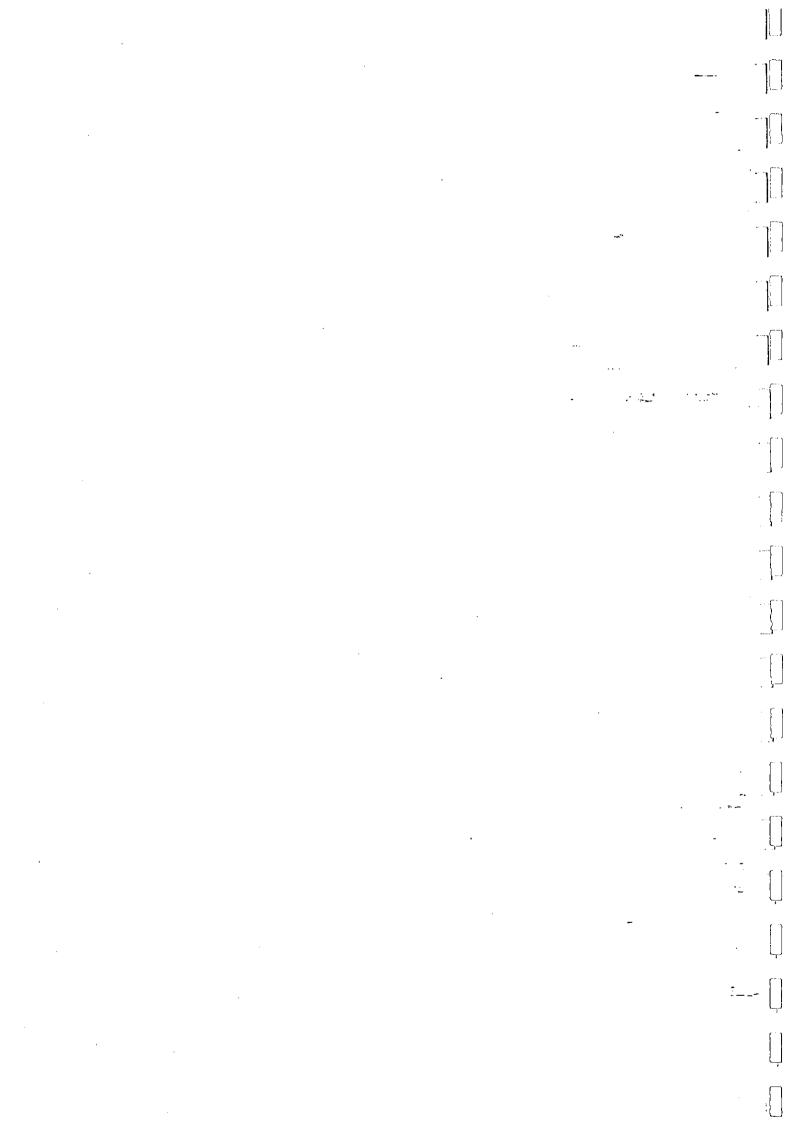
MANAGEMENT PLAN FOR MOVEABLE RELICS

PRELIMINARY RELICS ASSESSMENT AND MANAGEMENT POLICY

Volume II Inventory

Prepared for Department of Public Works and Services Client Service Division

January, 1996



VOLUME II REPORT

VOLUME II INVENTORY

VOLUME III APPENDICES



GODDEN MACKAY

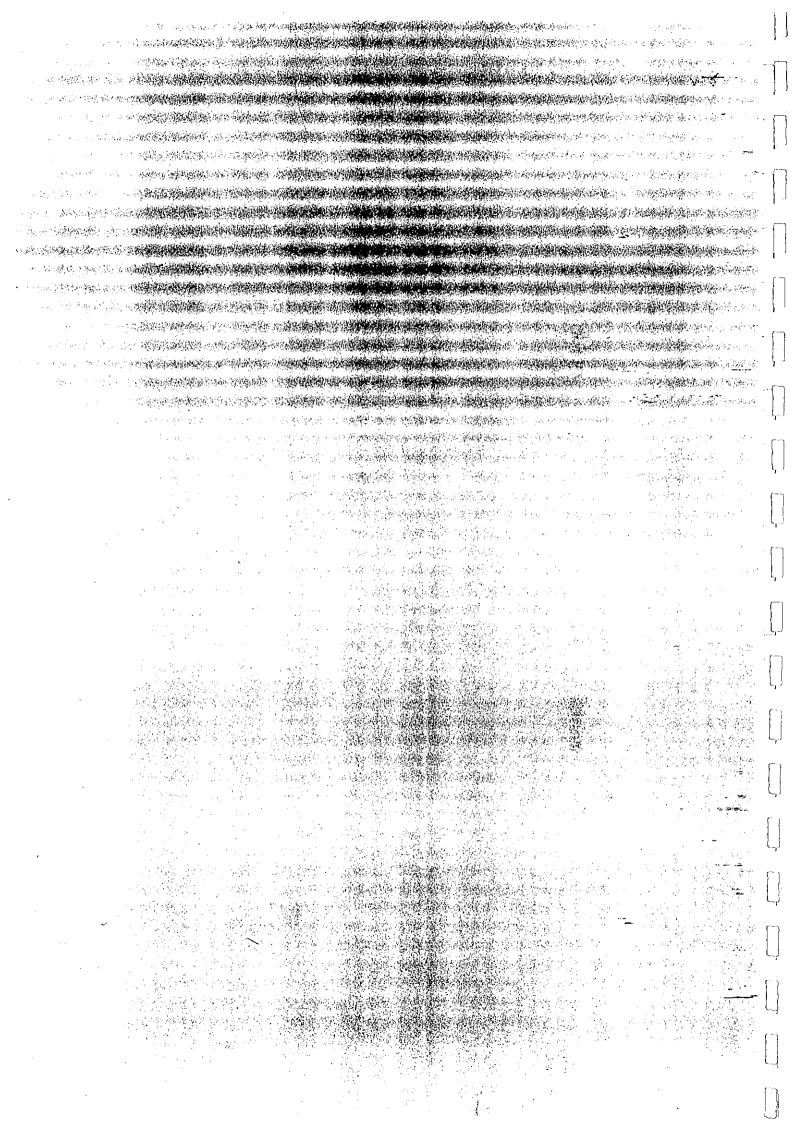
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的生物收入的工程的证验等。1995年 周朝秦国内国籍部署第四次

BAY 1 NORTH



Item Name: Davy I	Press		Item No. 1
Name Plate: P.T.C	. NSV	VPH-815-EVE S/O-	
DAVY	BRO	S LTD SHEFFIELD 1920	
Associated Items:			
Individual		B B 404.007	
Assemblage	\square	Davy Press 1-24, 207	
Collection		Char. 4.4.20.20.24.22.54.57.400.404	
System	$ \mathbf{Z} $	Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191	
Operational Groups			<u>_</u>

Description: The Davy Press is a massive cast iron and steel structure about 4 metres long, 2.5 metres wide and standing in excess of 6 metres tall. It consists of a base which is mounted below floor level, a massive cast iron crown and a crosshead. The crown holds the lift or return valve and the hydraulic valves and gland for the main shaft. The crosshead is allowed to slide on four massive shafts and it is direct coupled to the main piston and to the main upper die. The lower die is mounted on the framework of the bottom platform.

History: Until the advent of hydraulic presses much forging was done with steam hammers which applied sudden loads to the metal blank. Hydraulic presses, powered from accumulators which provided an artificial head, gave steady, controlled pressure. Steam hydraulic presses, introduced this century were able to supply far greater force than the regular hydraulic powered presses. Steam hydraulic presses were of the Haniel Lueg and Davy Bros Patent. Both were fitted with steam intensifiers which allowed the magnification of the final press. The steam intensifier of the Davy Patent stood alone as a separate item and the high pressure fluid was supplied through piping. Steam hydraulic presses were supplied in capacities of 100-1500 tonnes, with 1500 tonnes being regarded suitable for very heavy engineering work. The 1500 Davy Press at Eveleigh was installed in 1926 and remained in its present location ever since. No major modifications have taken place except to the original boilers.

Function and Operation: At Eveleigh all heavy forgings for bogey frames, steam hammer shafts and piston assemblies, forged crane wheels and a large variety of forms which involved punching, pressing and die forming were done with the Davy. As the piston in the intensifier rose, water was emitted from the hydraulic reservoir. This inlet valve was closed, steam was admitted to the intensifier and water at enormous pressure was then admitted into the head of the press. The forger, or foreman, was in charge of the operation and he directed from the side. The operator or blacksmith controlled the valves and the lever and there were a series of men who manipulated the billet being forged through the balanced tongs.

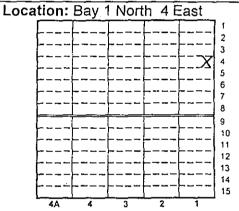


Photo: FILM No. 95-169-3-2 Photographed and inspected December 1995

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Item Na	me: Dav	y Press					Item No. 1
connecte patches	ed and th of superfi	e item is cial rust ar	cleaned, nd bare i	serviced and	d tested. er, the cor	The external surfa	power sources are ce of the item has source is unknown
Significa	ance Mat	rix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research	Category	☐ Moveable Item	☐ Industrial Relic
Rare	×	×		Potential	Themes	☐ 13 Transport	
,						15 Utilities	
Repres- entative	×	×	×	×		☐ 16 Industry	
entative		<u></u>		ے		18 Technology	looket contra
 					<u> </u>	20 Government A	omotive Workshops
which hadeveloping past work Conserventhe Davy	nd generating an und k practice ation Polassemble	al engineer erstanding s. The iter licy: The it age and st	ing app of early n exhibit em is to eam sys	lication. The engineering part is a high degree be retained in tem to which	item has practice an ee of struct its preser it belongs.	research and edu d will yield informati tural integrity. Int location and be p The item is to be	on construction and cation potential for ion on the nature of reserved as part of preserved by being
given bel	cleaned, serviced and maintained according to the implementation and maintenance schedules given below.						
bearings prevent reappropria and treate normally	Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, all internal bare metal surfaces are to be dried and greased to prevent rust. Internal surfaces should be treated with a dispersant, dried and treated with an appropriate inhibitor and, where possible, sealed. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. All operating surfaces exhibiting a normally bright finish should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid or a polycrystalline wax. Conserve in situ.						
Maintenance Schedule: Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be treated suitably by being removed and coated with an inhibitor and sealant.							
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Interpret	ation:						· · · · · · · · · · · · · · · · · · ·
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1996----

Item Name: D	avy Steam	Intensifier	Item No. 2
Name Plate:		S.W.G.R. DS LTD. SHEFFIELD 1919.	
Associated Ite	ems:		,
Individual			
Assemblage	Ø	Davy Press 1-24, 207	
Collection			
System	\square	Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191	~~
Operational Group	s 🗆		

Description: The Davy Steam Intensifier is the power pack for the operation of the Press. It is basically a cast iron and steel cylinder which stands about 3 metres high and is mounted on a concrete plinth which is 400mm high and square with 1.5 mm sides. The upper portion of the cylinder is covered in lagging with a sheet metal cover.

History: The steam intensifier was mounted in this position in 1926 when the Davy Press was installed in Bay 1 North. It has remained in this position in basically unmodified form.

Function and Operation: The intensifier supplies high pressure fluid to the Davy Press. Steam is admitted to the crown and through a series of valves and rams the steam pressure is intensified in the hydraulic fluid. The hydraulic fluid is then allowed into the ram of the Davy Press via the main valve which is controlled through a lever by the operator or blacksmith.

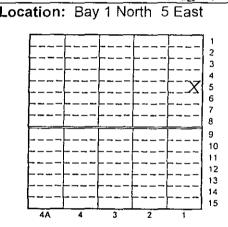
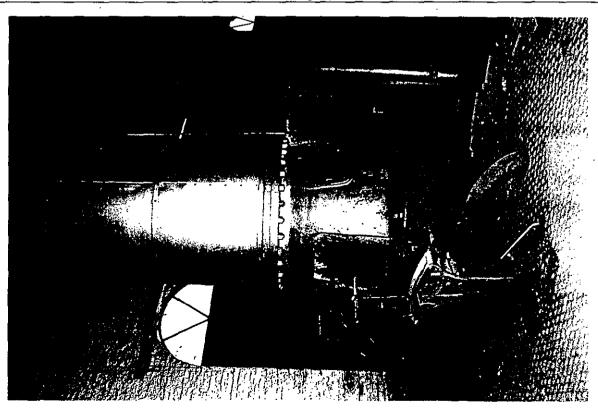


Photo: FILM No. 95-169-3-3 Photographed and inspected December 1995



Item Name: Davy Steam	n Intensifier		<u></u>		Item No. 2	
Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. However, the condition of the power source is unknown and the power source has probably been disconnected.						
Significance Matrix Historical Aestheti Rare		Technology/ Research Potential	State His Category Themes	☐ 13 Transport ☐ 15 Utilities	Industrial Relic	
Repres- entative 区 区		X		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Admin	nistration	
Statement of Significan	ce			•	To the second se	
The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 60 years. The item is an integral part of the hydraulic system. The item is a large, rare, industrial piece exhibiting massive cast-iron construction and which had general engineering application. The item has research and education potential for developing an understanding of early engineering practice and the item will yield information on the nature of past work practices. The item exhibits a high degree of structural integrity.						
Conservation Policy:						
The item is to be retaine and steam system to whice maintained according to the	ch it belongs	s. The item is	to be pres	served by being cleane	d, serviced and	
Policy Implementation:			<u></u>			
The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, all internal bare metal surfaces are to be dried and greased to prevent rust. All pipes should be disconnected and, where possible, uncoupled at flanged joints. Internal surfaces should be treated with a dispersant, dried and treated with an appropriate inhibitor and, where possible, sealed. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. All operating surfaces exhibiting a normally bright finish should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid or a polycrystalline wax. Conserve in situ.						
Maintenance Schedule						
Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be treated suitably by being removed and coated with an inhibitor and sealant.						
Interpretation:			· - , -, - <u>-</u> .			
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1996___

Item Name: The Davy Hydraulic Reservoir	Item No. 3
Name Plate: N/A	
Associated Items: Individual □ Assemblage □ Davy Press 1-24, 207 Collection □ System □ Steam 1-4, 28, 29, 31, 32, 54, 5	57, 188-191
Description: The Reservoir is basically a boiler or air rece in three sections. It stands on four feet which have been r contains the hydraulic fluid which is supplied to the Press s about 1 metre in diameter and stands about 4 metres high lugs. History: The Hydraulic Reservoir was installed with the Dathis location as far as is known with no major modifications.	iveted to the boiler shell. The Reservoir system. The cylinder of the Reservoir is h. It is mounted on four large concrete by Press in 1926. It has remained in
Function and Operation: The Hydraulic Reservoir contains spare hydraulic fluid which may be necessary for various pressing operations. Fluid is admitted to the system by means of a control valve controlled by the operator or blacksmith.	Location: Bay 1 North 4 East
Photo: FILM No. 95-169-3-4 Photographed	and inspected December 1995

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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION

1996

Item Na	Item Name: Davy Hydraulic Reservoir Item No. 3						Item No. 3
In gener the item	Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. However, the condition of the power source is unknown and the power source						
has prot	oably bee	n disconne	ected.				- *
Signific	ance Ma	trix Aesthetic	Social	Technology/	State His	storical Themes:	
	matorical	Aestrictio	Occiai	Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	X	×	×	X	Themes	13 Transport	
Repres-			,			☐ 15 Utilities☐ 16 Industry	
entative	X	X		×		18 Technology	
						20 Government Admi	nistration
	_	nificance		. Tarabalah La		Vorkshops being assoc	
operatio large, ra engineei understa	n for ove are, indu ring appl anding of	r 60 years strial piec ication. early engir	s. The ito e exhibit The item neering p	em is an integ ing massive i has researd	gral part of cast-iron ch and ed e item will	f the hydraulic system. construction and whic ducation potential for yield information on the	The item is a the had general developing an
Conserv	Conservation Policy:						
and stea	m system	n to which	it belong:	s. The item is	to be pres	ved as part of the Day served by being cleane schedules given below	d, serviced and
Policy In	nplemen	tation:					
internal disconne with a dis to be dis All opera an appro	The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, all internal bare metal surfaces are to be dried and greased to prevent rust. All pipes should be disconnected and, where possible, uncoupled at flanged joints. Internal surfaces should be treated with a dispersant, dried and treated with a rust inhibitor and, where possible, sealed. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. All operating surfaces exhibiting a normally bright finish should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid or a polycrystalline wax. Conserve in situ.						
Mainten	Maintenance Schedule						
Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be treated suitably by being removed and coated with an inhibitor and sealant.							
Interpret	ation:						
							•
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1996 -

Item Name: Add	Item No. 4				
Name Plate: N/	<u>'A</u>				
Associated Item	ns:				
Individual					
Assemblage		Davy Press 1-24, 207			
Collection		Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191			
System					
Operational Groups					
Description: The	ne Additior	nal Volume Steam Reservoirs are two horizontally mount	ted, centrally joined, cylindrica		

Description: The Additional Volume Steam Reservoirs are two horizontally mounted, centrally joined, cylindrical steam receivers mounted on a C Section and universal section steel frame. The frame itself is supported on a concrete platform. Steam is admitted to the north side of the lower reservoir and passes out through the north side of the upper reservoir. Both cylinders are lagged and covered with a badly deteriorated sheet metal sheathing. A pressure gauge is mounted adjacent to the bottom reservoir.

History: When the Davy Press was introduced in 1926 two small dedicated furnace/boilers were mounted in holes knocked in the east wall of the workshops. The furnace boilers were fired from an elevated firing floor with coal. Heat passed through the furnace heating steel billets then through the boiler to provide steam for the Davy Press system. Smoke exhausted through two short steel stacks. Each furnace/boiler was fired on alternate days. Heating a cold billet of steel took a full day. When the billet was removed the brick furnace lining was also removed and had to be rebuilt to take the next billet. When these furnace/boilers were subsequently removed, the steam reservoirs were introduced in the opening in row 10 and the number 1 boiler in the south annexe of Bay 2 was dedicated to the Davy Press.

Function and Operation: The steam reservoirs supply additional volume of steam at the pressure of about 120psi (metric), the steam being admitted to the steam intensifier of the Davy Press by the operation of the main valve.

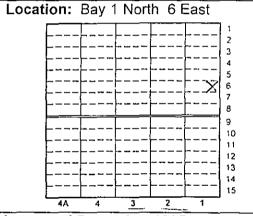
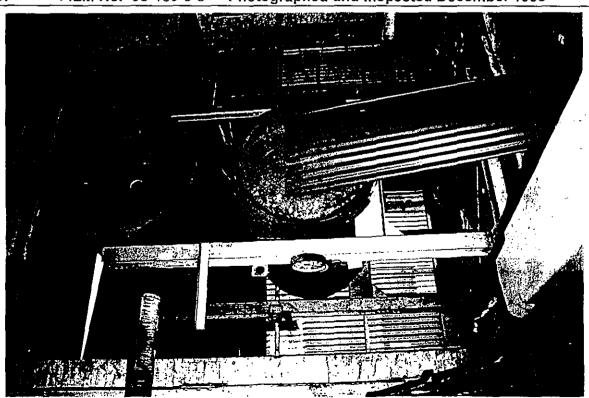


Photo: FILM No. 95-169-3-5 Photographed and inspected December 1995



1996___

Item Na	me: Ad	ditional Vol	ume Stea	m Reservoir F	or Davy P	ress	Item No. 4
connect ruinous	Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The sheet metal cover of the item is un ruinous condition. The condition of the power source is unknown and the power source has probably been disconnected.						
Signific	ance M	atrix		· · · · · · · · · · · · · · · · · · ·	State His	torical Themes:	
	Historica		Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare		. 🚨			Themes	☐ 13 Transport☐ 15 Utilities	
Repres-						16 Industry	
entative					İ	18 Technology	
					I	20 Government A	Administration
being as system.	sociated The ite	d with their o	pperation arch and	for over 50 ye education po	ears. The interpretation	item is an integral	omotive Workshops part of the hydraulic derstanding of early k practices.
preserve be prese	Conservation Policy: The item is to retained in its present location and be reconstructed and preserved as part of the Davy assemblage and hydraulic system to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.						
Policy I inhibitor.	•	entation:	The shee	et metal shea	thing is to	be replaced and	d treated with rust
			-	d, dried, cated rvoir. Conser		opropriate inhibitor	and if necessary, a
Mainten	ance So	chedule				<u></u>	
		nal surfaces ion section.	for rust e	every 12 mont	hs. Where	e necessary, coat a	as recommended in
Interpret	tation:						
пистрис	anon.						_
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1996

Item Name: Balanced Billet Holders for Davy Press		Item No. 5 a
Name Plate: N/A		
Associated Items:		
Individual 🔲		
Assemblage 🗹 Davy Press 1-24, 207		
Collection		
System 🔲		
Operational Groups 🔲	•	
Description: The holders are all about 6-8 metres long, have a hold astened about the centre. Each item was made for holding or manipula 5a Billet Holder - circular end, square inset. 5b Billet Holder - circular end, deep. 5c Billet Holder - circular end, shallow. 5d-5i Billet Holder - clamp, square. 5j Special tool - spade end with four holes. 5k, I Special tool - twin flat plate, adjustable.		
im Special tool - twin timed fork. in Special tool - wedge spade.		
in Special tool - wedge spade. ip Holder	•	
History: It is believed that most of the holders were introduced who	en the Davy Press was installe	ed. Some of the
vere possibly made in response to later requirements.	· · · · · · · · · · · · · · · · · · ·	
unction and Operation: The billets to be worked were	Location: Bay 1 North	5-6 East
rasped by the end of the holder. The holder was securely clamped by the use of pins and wedges. The special crane hook was attached to the centre of gravity of the shaft and up to five men were used to the handpulate the billet as it came under the action of the Davy Press.		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 2 1
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Item Na	Item Name: Balanced Billet Holders for Davy Press . Item No.						Item No. 5a-p
Conditio	Condition: The items exhibit slight to moderate rust in all surfaces.						
ii							
	- <u>-</u>						
	ance Mai Historical	trix Aesthetic	Social	Technology/	State His	storical Themes:	
	Tilotorical	Acstrictio	500141	Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare				×	Themes	13 Transport	
Repres-						☐ 15 Utilities ☐ 16 Industry	
entative	×			×	\$	16 Industry 18 Technology	
						20 Government Ac	· Iministration
					<u> </u>		<u></u>
	_	-			•	of the Eveleigh Loco	•
•			•		•	ne item is an integra	· ·
	•		•			ring technologies no	
operating	j worksno	ops. The I	tem will y	ielo iniormatio	on the n	ature of past work p	ractices,
Conserv	ation Po	olicy: The	item is	to retained in	its presen	t location and be pr	eserved as part of
		_			•	Iraulic system to whi	•
•						•	-
		-	_	_		ed and maintained	according to the
impleme	ntation ar	nd mainten	ance sch	edules given	below.		
Policy In	nplemen	tation:			<u> </u>	·	
						g appropriate metho	
					ces are to	be treated with an a	ppropriate sealant
such as a	snell Eins	SIS TIUID OF	polycrys	talline wax.			
Conserve	e in situ						
001.007.00						•	
Maintena	ance Sch	redule			 	 	
Incoact a	II ovtorne	al ourfoco	for ruot	Nioni 10 mon	tha laibar		
		n surfaces	ior rust e	every 12 mon	ıns. vvner	e necessary, coat as	s recommended in .
the imple	mematio	ii section.					· · · · ·
laste :	4.					·	· <u>·</u>
Interpret	ation:						·
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Item Name: Davy Press Work in Progress	Item No. 6
Name Plate: N/A	
Associated Items: Individual □ Assemblage ☑ Davy Press 1-24, 207	
Collection System Operational Groups	~ ~
Description: The work in progress is in three separate to completely forged steam hammer shaft and pistons, three wheels which have had their centres punched out and forget	ee forged shafts and a number of crane
History: The history of all of these items is unknown but last items which were forged on the Davy Press.	it is assumed that they were amongst the
Function and Operation: N/A	Location: Bay 1 North 6 East
Photo: FILM No. 95-169-3-7 Photo 1995	graphed and inspected December

GODDEN MACKAY PTY LTD, 78 GEOR

EVELEIGH LOCOMOTIVE WORKSHOP'S MACHINERY CONSERVATION

1996___

Item Name: Davy Press Work in Progress			Item No. 6
Condition: The external surface of the item has item exhibits heavy rust in places.	s patches c	f superficial rust and	d bare metal. The
terr om terror y cast in places			
Significance Matrix Historical Aesthetic Social Technology/	State His	storical Themes:	
EVELEIGH LOCOMOTIVE WORKSHOP rch	Category	☐ Moveable Item	☐ Industrial Relic
Rem Name: Davy Press Work in Progress 🗷	Themes	☐ 13 Transport☐ 15 Utilities	
Condition: The external surface of the iter		16 Industry	
terri dallibre ricery reserving places.		☐ 18 Technology ☐ 20 Government Ac	dministration
Significance Matrix The itemHistorical Aesthetic paspoial the Research and education potential for developing The item will yield information on the nature of passentative	gral part of	the Davy assembla	ge The item has
Statement of Significance: The item was an integral part of the Evele cleane operation for over 20 years. The item is a given research and education potential for devel The item will yield information on the nature	ed, service below.	d and maintained	according to the
Policy Implementation:			
Conservation Policy: All external surfaces are to be cleaned and degree The litem is to be preserved by being all surfa implementation and maintenance schedules wax.	eased using aces are to	g appropriate metho be treated with an a	ds. All superficial ppropriate sealant
Conserve. May reposition in same bay.			
Maintenance Schedule			
Policy Implementation aces for rust every 12 mon the implementation section. All external surfaces are to be cleaned and	iths. Where	e necessary, coat as	recommended in
All external surfaces are to be cleaned and rust is to be removed or treated. All externations			
such as Shell ENSIS fluid or polycrystalline			
Conserve. May reposition in same bay.			-
Maintenance Schedule			
nspect all external surfaces for rust every ' he implementation section.			
GODDEN MACKAY PTY LTD, 78 GEORGE ST	T, REDFER	RN NSW 2016 PH	: (02) 319 4811
nterpretation:			1/

tem Name: Steel Spacers		Item No. 7
lame Plate: N/A		
Associated Items: Individual Davy Press 1-24, 207 System Dollection Description: The Steel Spaces usually consist of scraphich are used to block the descent of the top die of ead can only be prevented by manual means. This ottom anvil to the desired height. Instory: The spacers which are located in very hear	the Davy. The amount of tra	vel by the cros spacers on th
926.	,	
unction and Operation: The spacers are placed in top of the other until the desired height of spacers eached. The spacers then prevent the downward to find the Cross Head of the Press.	's is	1 2 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15
hoto: FILM No. 95-169-3-8 Photograp	ohed and inspected Decemb	per 1995
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Item Na	me: Stee	el Spacers					Item No. 7a	,b
Conditi	on: The	external su	urface o	f the item has	patches o	f superficial rust ar	nd bare metal. Ti	ne
item ext	nibits heav	y rust in pl	aces.					ļ
]					,			
Signific	ance Mat				State His	storical Themes:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic	
Rare	×			×	Themes	☐ 13 Transport		İ
Repres-					1	☐ 15 Utilities☐ 16 Industry		1
entative				×		☐ 18 Technology		į
						20 Government A	Administration	
Stateme	ent of Sig	nificance:	<u></u>		<u></u>	······································	•• ;	<u> </u>
				•		Vorkshops being a the Davy assemble		
research	and edu	ucation pot	ential fo	r developing	an unders	tanding of early er		
The item	will yield	informatio	n on the	nature of past	work prac	tices.		
								- }
! !								
Conserv	ation Po	licy:						
		•		_		d and maintained	according to th	ie
impleme	ritation ar	nd maintena	ance sch	nedules given i	below.			
								ŀ
Policy Ir	nplement	tation:						
						g appropriate metho be treated with an		
				talline wax.		• • • • • • • • • • • • • • • • • • • •		
Conserve	e in situ o	r close to th	neir origi	nal location.				
Mainten	ance Sch	edule						\dashv
Inspect a	ıll externa	l surfaces	for rust	every 12 mont	hs. Where	e necessary, coat a	s recommended i	in
the imple	ementation	n section.		•				
								_ ``
Interpret	tation:						~	
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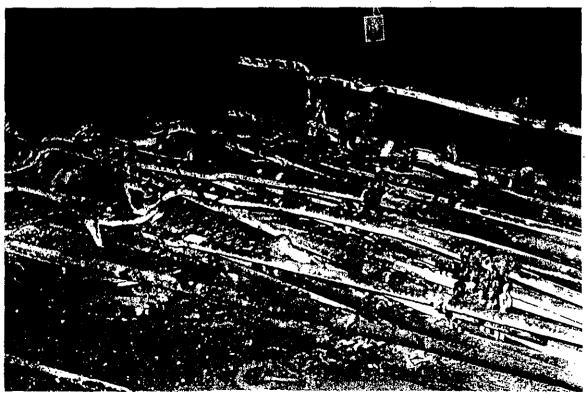
Item Name: Metal Case of Shims for the Davy Press	Item No. 8
Name Plate: N/A	
Associated Items: Individual Assemblage Davy Press 1-24, 207 Collection System Operational Groups Description: The shims consist of sections of plate and sheet of different th various divisions of the metal case. Each of the shims measures about 200-3 200mm wide.	-
History: The history of the shims is unknown but it is possible that thes associated with the Davy since 1926.	se Shims have been
Function and Operation: The shims are placed one on top of another, usually in conjunction with the steel spacers to allow the descent of the Press to be checked at a specific height. The shims are invariably arranged by the forger or his assistant.	1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15
Photo: FILM No. 95-169-3-9 Photographed and inspected De	cember 1995

1996___

Item Na	me: Me	tal Case of	Shims fo	or Davy Press			Item I	No. 8
Conditio	n: The	external su	urface of	f the item has	patches o	f superficial rust a	nd bare me	tal. The
item exh	ibits hea	vy rust in pl	aces.					
			 _	,				
Significance Matrix Historical Aesthetic Social Technology/ State Historical Themes:								
				Research Potential	Category	☐ Moveable Item	🗖 <u>I</u> ndustri	al Relic
Rare	X			×	Themes	☐ 13 Transport☐ 15 Utilities		ĺ
Repres-		_			ļ	☐ 16 Industry		
entative				X		18 Technology		[
		·-· ·- ·-				20 Government	Administratio	n (
		gnificance:					•••	
The item	was ar	n integral pa	art of the	e Eveleigh Loc	comotive V	Vorkshops being a the Davy assemb	issociated v	with their item has
research	and ed	lucation pot	ential fo	or developing	an unders	tanding of early e	ngineering	practice.
				nature of past				
		·						ļ
Conserv	ation Po	olicy:			· ·- ·-			
						d and maintained	d according	to the
implemer	ntation a	nd maintena	ance sch	nedules given	below.			}
								}
<u> </u>								
Policy In	aplemer	ntation:						j
						appropriate meth		
		oved or treat SIS fluid or			ces are to	be treated with an	appropriate	sealant
						.*]
Conserve	in situ d	or close to the	neir origi	nal location.				
Maintena	nce Sc	hedule		· <u> </u>		-	<u></u>	
Inspect o	ll oxform	al curfaces	for ruct :	oveni 12 ment	the Mhore	naccascan, coat	aa raaamm	oodod in
•		on section.	ioi rust i	every 12 mon	ns. where	e necessary, coat a	as recomme	enaea in
•								
								<u> </u>
Interpret	ation:							
				`	٠			1.
								į
								-

|]]

tem Name: 9a - A Crane Balanced Special Holder	2 242	Item No. 9a, b
9b - Hand Held Tongs, Furnace Rakes/Hos	e etc.	
lame Plate: N/A		
ssociated Items:		
ndividual 🔲		
ssemblage 🔯 Davy Press 1-24, 207		
Collection		
ystem 🛛		
perational Groups 🔲		
escription: 9a - Special holder for use within the crane.		
b - Hand held tongs (10 items), furnace rake and hoe (5 it		ces.
	<u> </u>	
istory: The history of these pieces is unknown but it is	believed that they have	been associated
rith the operations of the Davy Press since 1926.	•	·- ;
unction and Operation: The rings and hooks of the	1	n 5 East
pecial holder were used to sling the tongs at the correct	1 1 1 1	1
eight to allow material of smaller size to be manipulated	1 1 [2
nder the Davy Press. 9(b)-the hand-held tongs were		
sed to hold the material being pressed. The furnace		5
ikes and hoe were used to clear out millscale from the	 	
rnace after the heating of various items.		8
	 -	9 10
		12
	<u> </u>	13 14
		15
	4A 4 3	2 1
hoto: FILM No. 95-169-3-10 Photographed	and inspected Decem	ber 1995
	· wille interpretation in the control	DO



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EVELEIGH L	OCOMOTIVE WORKSHOPS MACHINERY GONSERVATION
Item Name	9a Crane Balanced Special Holders

1996 ____

Item Na				pecial Holders Furnace Rake			Item No. 9a,b
		external solvy rust in p		the item has	patches o	f superficial rust and	bare metal. The
Cianific	ance Mat	hair			State His	storical Themes:	
Signific	Historical	Aesthetic	Social	Technology/ Research Potential	Category	<u> </u>	 □ Industrial Relic
Rare	X			×	Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative				X		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Add	ministration
Stateme	nt of Sig	nificance:					
operation research	n for ove	r 60 years. acation pot	The ite	em is an integ	ral part of an unders	Vorkshops being ass the Davy assemblag tanding of early eng tices.	ge. The item has
Conserv	ation Po	licy:					
				being cleane edules given l		d and maintained a	according to the
						:	
Policy In	nplement	tation:					
rust is to such as construct	be remove Shell ENded which	/ed or trea ISIS fluid	ted. All e or polyc e these it	external surfac rystalline wax	ces are to l c. A suita	appropriate method be treated with an ap able very low frontal t with the ground. Co	propriate sealant I frame is to be
Maintena	ince Sch	edule					
Inspect a the imple	ll externa mentation	l surfaces n section.	for rust e	every 12 mont	hs. Where	necessary, coat as	recommended in
		,				·	
Interpret	ation:						

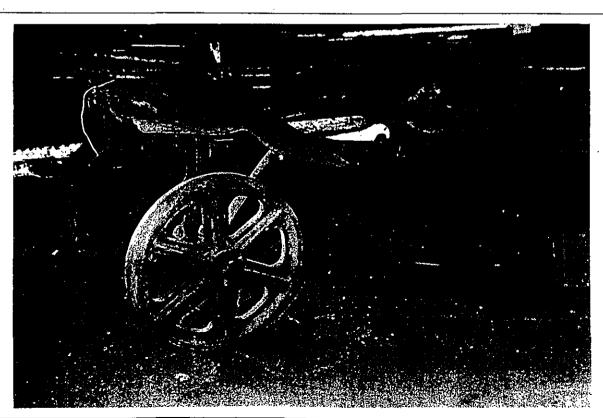
1996

									. •	
Item Name: Han	d Trolle	y for Hot Work						Item	No.	10 -
Name Plate: N/A				····	-					
Associated Item	s:									
Individual										
Assemblage	\square	Davy Press 1-24, 207								•
Collection								.2.		
System										
Operational Group	ps 🖵									
the Eveleigh Wor mounted on two b and for moving ho	kshops. orackets ot work a	in diameter are mounte A small tray measuring along with a 3 metre lore around the floor of the worke item is unknown althouter.	ng about ng handle orkshop.	500mi	m by trolle	500r ∋y wa	nm of	half incl	h pla nipul	ate is
<u>-</u>		: The hand trolley was i						th 5 Éas		
•		ce and the material rem	•			1	T T	<u>0 2a</u>	7,	
the use of a bala	anced to	ong or grab and placed could then be moved aw	on the	-		 			2 - 3 - 4	
		piece could be grippe				 		·	∑ 5 _ 6	
special pair of tor securely attach the	-	n area where it was pos	ssible to				<u> </u>	<u></u>	- 7 8	
securely attach the	s Holuçi.	ı					FF		- 9 10	
							<u> </u>		_ 11	
									- 12 13	
									- 14 - 15	
				!	4A	4	3	2 1	ــا '`	

Photo:

FILM No. 95-169-3-11

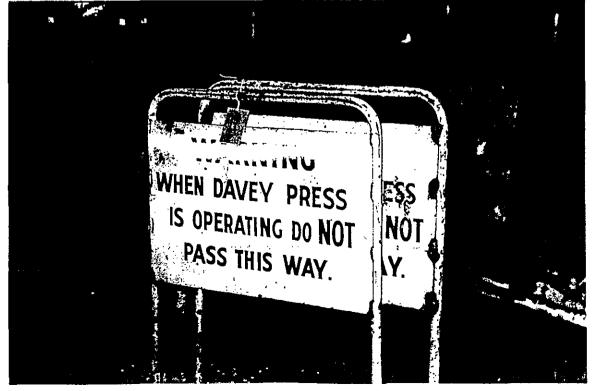
Photographed and inspected December 1995



Item Na	me: Han	d Trolley for	or Hot W	/ork			Item No. 10
		external so		f the item has	patches c	f superficial rust ar	nd bare metal. The
		Lita		<u> </u>	1 C4-4- I II:	to deal Theorem	
Significa	ance Mat Historical	IrIX Aesthetic	Social	Technology/ Research Potential	Category	storical Themes:	☐ <u>I</u> ndustrial Relic
Rare	X			×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative		۵		. 🗷		☐ 16 Industry☐ 18 Technology☐ 20 Government A	Administration
Stateme	nt of Sig	nificance:			<u> </u>		
	ation Po		n on the	nature of pas	t work prac	cices.	
		•	-	nedules given			d according to the
Policy In	nplemen	tation:					
ust is to	be remov	ved or trea	ted. All	ned and degre external surfa stalline wax.	eased using ces are to	g appropriate meth be treated with an	ods. All superficial appropriate sealant
Conserve	e. May re	position in	same b	ау.			
laintena	ance Sch	edule					
		al surfaces n section.	for rust	every 12 mon	ths. Wher	e necessary, coat a	as recommended in
					·	•	
nterpret	ation:						
		-					

1996

Item Name: Warning Signs for Davy Press		Item No. 11
Name Plate: N/A		
Associated Items: Individual Assemblage Collection System □ Davy Press 1-24, 207	· .	
Operational Groups Description: The Davy Press Warning Signs simply in	dicate that when the F	Javy Press was
operating that other staff must not pass through this particle end of the press and the other was placed at the south end	ular area. One was pla	
History: The date of construction of these signs is not kn long line of signs that were erected in various parts of the \u00a5 use.		
Function and Operation: Placed at the north and east end of the operating end of the Davy press to prevent accidents occurring when the press and ancillary items were operating.	Location: Bay 1 North	5 West 2 3 4 X 5 6 7 8 9 10 11 12 13 14 15
Photo: FILM No. 95-169-3-12 Photographed	and inspected December	per 1995
		!



Item Na	me: Wa	rning Sign f	or Davy	Press			Item No. 11
		external su vy rust in pl		f the item has	patches c	f superficial rust a	nd bare metal. The
Significance Matrix Historical Aesthetic Social Technology/ State Historical Themes:							
				Research Potential	Category	☐ Moveable Item	☐ Tindustrial Relic
Rare Repres-	×			×	Themes	☐ 13 Transport☐ 15 Utilities☐ 16 Industry	
entative	u		Ц	×		☐ 18 Technology☐ 20 Government.	Administration
Stateme	nt of Sig	nificance:		·	<u> </u>		** *
research	and edu	ucation pot	ential fo	_	an unders	tanding of early e	lage. The item has ngineering practice.
Conserv	ation Po	olicy:					
				being cleane nedules given		d and maintained	d according to the
Policy Im	nplemen	tation:			<u> </u>		
rust is to such as brushing,	be remo Shell EN treated	ved or treat ISIS fluid o with inhibito	ed. All or polycr or and th	external surfac ystalline wax. e whole surfac	ces are to The are	be treated with an	ods. All superficial appropriate sealant removed by gentle
conserve	. iviay re	position in	same ba	ay. 			
Maintena	ince Sch	redule	-	· — — — — — — — — — — — — — — — — — — —			
		al surfaces t n section.	for rust (every 12 mont	hs. Where	e necessary, coat a	as recommended in .
		 _			<u> </u>		
Interpreta	ation:	•					
							·

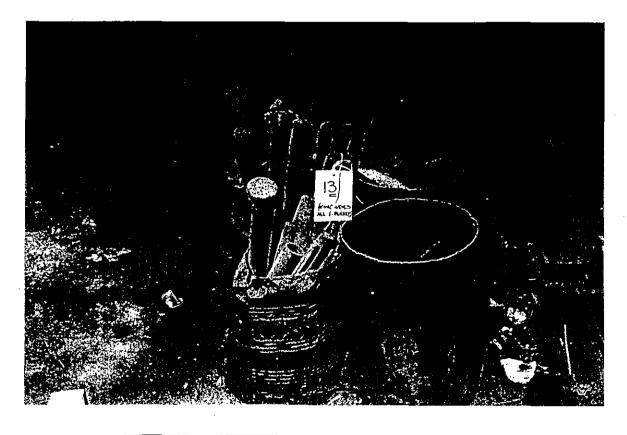
1996---

Item Name: Punches, Dies and Swage Blocks	Item No. 12
Name Plate: N/A	
Associated Items: Individual Assemblage Collection System Operational Groups Description: There is a number of Punches and dies which were used for pressectioned hot steel billets. The dies were placed on the anvil of the Davy Press immediately above and the Punch was then forced or pressed through the h five Dies in this group and a series of four Punches. Some of the Punches w the metal billet while others were held in place with a pair of tongs. There is al this group of materials.	s. The Punch placed oot metal. There are ere simply rested on
History: The history of these items is unknown but it would appear that ma	any of them are of a
Function and Operation: Used for forming items on the Davy Press. Location: Bay 1 No. 1 N	North 4 East 1
Photo: FILM No. 95-169-3-13 Photographed and inspected Dec	cember 1995

1996 ---

Item Na	ne: Pu	inches and	Swage B	locks			Item No. 12
		e external s avy rust in p		f the item has	patches o	f superficial rust a	nd bare metal. The
		, ,				_	
Significa	ance M Historica		Social	Technology/	State His	storical Themes:	
	nistorica:	Aestriette	Jocial	Research Potential	Category	☐ Moveable Item	☐ ⁻ Îndustrial Relic
Rare	×			×	Themes	☐ 13 Transport	·
Repres-						☐ 15 Utilities☐ 16 Industry	
entative				X		☐ 18 Technology	
,						20 Government	Administration
Stateme	nt of S	ignificance					-
operatior research	for ov and e	er 20 years ducation po	. The ite tential fo	em is an integ	ral part of an underst	the Davy assemb tanding of early e	associated with their lage. The item has ingineering practice.
Conserv	ation P	olicy:					
				being cleane nedules given l		d and maintained	d according to the
Policy Im	pleme	ntation:	· <u> </u>	 			
rust is to	be rem		ted. All	external surfac			nods. All superficial appropriate sealant
Conserve	. Repo	sition in sar	ne bay c	lose to the orig	inal locatio	on.	
Maintena	ince Sc	hedule					· · · · · · · · · · · · · · · · · · ·
		nal surfaces on section.	for rust	every 12 mont	hs. Where	e necessary, coat	as recommended in
	•						
nterpret	ation:						
		•					.]
						•	

Item Name: Lock Pi	ns and Wedges for Crane Tongs	Item No. 13
Name Plate:		
	□ Davy Press 1-24, 207 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
History: The history 40 years.	of the items is unknown but it would appear that they are p	ossibly as old as
were used for holding shut. The pin was pla each side of the jaw two wedges. The we	the jaws of the various billet holders aced through corresponding holes on and it was tightened by the use of dges bound the opposite side of the allowed the manipulation of the hot	h 3 East



1996

Item Na	me: Loc	k Pins, We	dges for	Crane Tongs	in Six Buck	<ets< th=""><th></th><th>Item No. 13</th><th></th></ets<>		Item No. 13	
		external so		f the item has	patches o	f superficial rust a	nd b	are metal. Th	ìе
item exi	iibito rica	vy rust in p						•	
Signific	ance Mat	trix Aesthetic	Social	Technology/	State His	storical Themes:			
	1113toricar	Acadiona	300141	Research Potential	Category	☐ Moyeable item		Industrial Relic	
Rare	X			×	Themes	☐ 13 Transport ☐ 15 Utilities			
Repres-		Π	П	[X]		☐ 16 Industry			
entative	_		u	<u>~</u>		☐ 18 Technology☐ 20 Government A	Admi	nistration	
Stateme	ent of Sig	nificance:		·	<u></u>	<u> </u>	<u> </u>	<u> </u>	_
operation research	n for over	r 20 years. ucation pot	The ite	em is an integ	ıral part of an unders	Vorkshops being a the Davy assembl tanding of early entices.	lage.	. The item ha	as
Conserv	ration Po	licy:		· · · · · · · · · · · · · · · · · · ·	<u> </u>				
		•	_	_		d and maintained	d ac	cording to th	ie
impleme	ntation ar	nd mainten	ance scr	nedules given	below.				
,									
	•								ļ
Policy Ir	nplemen	tation:							\neg
rust is to	be remov	ved or trea	ted. All	ed and degre external surfac talline wax.	ased using ces are to	g appropriate meth be treated with an	ods. appr	All superficia opriate sealar	al nt
Conserve	e. May re	position in	same ba	ау.					
Mainten	ance Sch	edule		·		<u> </u>			-
		il surfaces n section.	for rust (every 12 mont	hs. Where	e necessary, coat a	as re	commended i	n
									\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
Interpret	ation:	<u> </u>		 .				· · · · · ·	\dashv
									}
									-

1996

Item Name: Stack of Assorted Metal Pieces	Item No.	14
Name Plate: N/A	L	
Associated Items: Individual Assemblage Davy Press 1-24, 207 Collection System Operational Groups Description: The metal pieces on this small rack, which consists of two lengths of the ground were used variously for holding sections of material and also as the bl specific forging techniques.		
History: The history of these items is unknown.	•••	
Function and Operation: The hot metal was simply placed between the block and the die and pressed to shape. In some cases these blocks and dies were used only for finishing items that had been rough forged. Photo: FILM No. 95-169-3-15 Photographed and inspected December	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 15	

1996---

Item Na	me: Rac	k of Assort	ed Meta	l Pieces		<u> </u>		Item No.	14
				f the item has	patches o	f superficial rust a	nd b	are metal.	The
item exh	ibits heav	vy rust în pl ,	aces.						
Significa	ance Mat	trix			State His	storical Themes:			
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	_	Industrial Re	elic -
Rare	×			×	Themes	☐ 13 Transport☐ 15 Utilities			:
Repres-		Б	_			15 Offities 16 Industry			
entative	Ц		Ц	×		☐ 18 Technology			
Ctatoma	nt of Cin	mificances				20 Government A	Admii	nistration	
	_	nificance:	urt of the	. Euglaigh La	aamatika M	Vorkshops being a		istad with	- سنمحالا
		•		r developing nature of past		tanding of early el	ngine	eering prac	otice.
Conserv	ation Po	licy:		 				···	
		•	-	being cleane nedules given		d and maintained	l ac	cording to	the
Policy In	plemen	tation:							
rust is to such as S	be remov Shell ENS	ved or treat	ed. All polycrys	external surfactalline wax.		appropriate meth be treated with an			
Maintena	nce Sch	edule							
		il surfaces f n section.	for rust (every 12 mont	hs. Where	e necessary, coat a	as re	commende	ed_in
the imple	montation								·· •·
									-
Interpret	ation:			,			_		
	•								
									ا

1996....

Item Name: Forged and Partially Ma Rectangular Spare Parts Bin.	achined Steam	Hammer	Shafts a	and Item N	lo.15a-c
Name Plate: N/A				<u> </u>	
Associated Items: Individual Assemblage Collection System Operational Groups Description: The two forged and partially the Davy Press area for further working.	machined stean	ever carried	d out. Th		
bin is made from half inch plate steel and is		ooks for ho	isting.		· · · · · · · · · · · · · · · · · · ·
History: The history of the items is unknow Function and Operation: N/A	//			orth 2 East	·' _ · · · .
		4A	4 3		2 3 4 5 6 6 7 8 9 10 11 12 13 14
Photo: FILM No. 95-169-3-16	Photographed	and inspec	ted Dece	ember 1995	

Item Na Rectang	ı me: Foular Parts	•	Partially	y Machined S	Steam Har	nmer Shafts. (2) + Ite	em No.15a-c
		external so ry rust in p		the item has	patches o	f superficial rust and bare	metal. The
_	ance Mat Historical	rix Aesthetic	Social	Technology/ Research	State His	torical Themes: Ind	ustrial Relic
Rare	×			Potential	Themes	☐ 13 Transport	·
Repres- entative		0		Ø		☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administ	ration
operation research	n for over and edu	· 20 years. ication pot	The ite	em is an integ	ral part of an unders	Vorkshops being associate the Davy assemblage. T tanding of early engineer tices.	he item has
Consony	ation Po	liev:				· · · · · · · · · · · · · · · · · · ·	
The iten	n is to b	oe presen	•	being cleane nedules given		d and maintained accor	ding to the
Policy In	nplement	tation:	•••				
All exterr	nal surfac be remov	es are to ved or trea	ted. All	_	_	g appropriate methods. A be treated with an approp	
Conserve	e. May re	position in	same ba	ау.			ساد <i>ه</i> ب
Maintena	nce Sch	edule			-		
Inspect a the imple			for rust <u>e</u>	every 12 mont	hs. Where	e necessary, coat as reco	mmended in.
Interpret	ation:		<i>.</i>				
							- *

1996 ___

Item Name: Crane Slings	Item No. 16
Name Plate: N/A	
Associated Items: Individual Assemblage Collection System Operational Groups Description: There are six crane slings and three wire ropulley block for crane tools. These items are located on a of the Bay 1 North.	
History: The history of the items is unknown, however, tappear to be about the same age as the Press.	he spring suspended pulley block would
Function and Operation: The chains in the slings were used to hold and lift the balanced holders as they moved items around the Davy Press space. They were also used for slinging raw material from the trolleys which ran on the central road.	Location: Bay 1 North 5 West
Photo: FILM No. 95-169-3-17 Photographed	and inspected December 1995

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Item Na	me: Crar	ne Slings			-	•	Item No. 16
		external s		the item has	patches o	of superficial rust and t	bare metal. The
					T 6		
Significa	ance Mat Historical	riX Aesthetic	Social	Technology/	State His	storical Themes:	
				Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×			rotential X	Themes	☐ 13 Transport	
						☐ 15 Utilities	
Repres- entative			П	×		☐ 16 Industry	
entative	_			2		18 Technology	
						20 Government Adm	inistration
The iten		oe preser		being cleane nedules given		d and maintained ad	ccording to the
· · ·	· <u>-</u>				, , , , , , , , , , , , , , , , , , ,		
Policy In	nplement	ation:					
rust is to	be remov	ed or trea	ated. All			g appropriate methods be treated with an app	
Conserve	e. Reposi	tion in sar	me bay cl	ose to the orig	inal locatio	on.	
Maintena	nce Sch	edule		_ .			
	ll externa mentatior		for rust e	every 12 mont	hs. Where	e necessary, coat as re	ecommended in
			 _				
nterpret	ation:						

1996___

Item Name: Collection of Large Circular Dies, Swages, Pu	nches and Spanners	Item No. 17
Name Plate:		
Associated Items: Individual	m 12 and there are a set	of Swages for
History: The history of the items is unknown.		·
Function and Operation: The swages, dies and punches were all used for forming metal on the Davy Press. Photo: FILM No. 95-169-3-18 Photographed	Location: Bay 1 North	1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 1
. Hoto, Tiem No. 30 100 0 10 1 Inotographica		
	€	

1996___

Item Na	Item Name: Collection of Large Circular Dies, Swages and Punches Item No. 17							
		external so vy rust in p		f the item has	patches o	f superficial rust a	nd bare metal. The	
Significa	ance Ma	trix			State His	storical Themes:		
_	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic	
Rare	X			×	Themes	☐ 13 Transport☐ 15 Utilities		
Repres- entative				×		☐ 16 Industry ☐ 18 Technology		
						☐ 20 Government	Administration	
Stateme	nt of Sig	nificance:			L			
		•		or developing nature of past		-	ngineering practice.	
Conserv	ation Po	licy:						
		•		being cleane nedules given l		d and maintained	d according to the	
Policy In	plemen	tation:			<u></u> .			
rust is to	be remo	ved or treat	ted. All				ods. All superficial appropriate sealant	
Conserve	in situ o	r close to ti	neir origi	inal location.				
Maintena	ince Sch	iedule						
		al surfaces	for rust	every 12 mont	hs. Where	necessary, coat a	as recommended in	
•								
Interpret	ation:				 .			
L	- · · · · · · · · · · · · · · · · · · ·	,						

1996___

Item Name: Maintenance Tool Cabinets for the Davy P	Press	Item No. 18
Name Plate: N/A	· ·	
Associated Items: Individual Assemblage		<u>.</u> .
System Charatianal Crowns ·	<u>.</u> .	
Operational Groups □ Description: The cabinet consists of five doors on a cabinet which was lockable and which held the tools associated iteins. The cabinet stands about 2 metres 700mm wide. History: History of the item is unknown.	s for maintaining the Davy	Press and it
		· •
Function and Operation: N/A	Location: Bay 1 North	4 vvest
Photo: FILM No. 95-169-3-19 Photograph	ned and inspected Decembe	er 1995
		CA BOMEN
		Partie.

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Item Na	ıme:	Mair	ntenance	e Tool Cab	inets for Davy	Press		Item No. 18
Conditi surface.		The	items	are in stru	icturally sound	d condition	with superficial	rust on the painted
ĺ								
ł								
Cimple		51-4		м.		Ctoto Ilia	storical Themes:	
Signific	ance Histor		rix Aesthetic	Social	Technology/ Research Potential	Category	Moveable Item	☐ Industrial Relic
Rare						Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative	×		. 🗖				☐ 16 Industry	
			•				☐ 18 Technology☐ 20 Government	Administration
Stateme	ent of	Sig	nificano	e		<u> </u>		
The iten					avy Press ass	semblage.	The item will yiel	d information on the
<u> </u>	4:	. D1			 -			
Conservited The item			-	d.				1
				•••				
:	•		•	·				
Policy I	mple	nent	ation:				·	
Rust pat	ches	are t	o be ne	utralised ar	nd the surface	monitored	for future rust.	
•		· ·	•	in same ba				
			· 					
Mainten				_				, v v a
Inspect a	ali ext ement	ernal ation	surface section	es for rust ().	every 12 mont	hs. Where	e necessary, coat	as recommended in
Interpre	tation					· -		
	41 0 1	••						Ì
)-

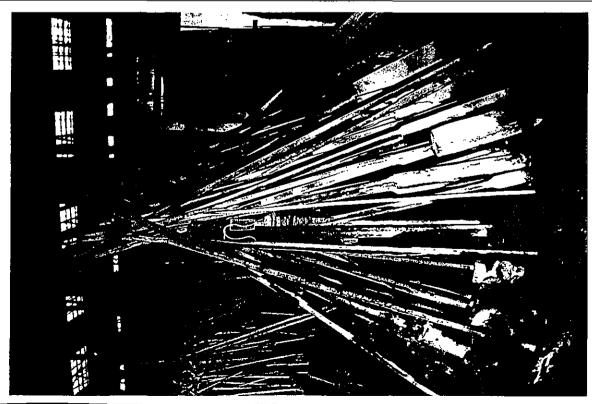
1996___

em Name: Equalising Beams fo			
ame Plate: N/A			
ssociated Items:		,	
idividual 🔲			
ssemblage 🗹 Davy P	ress 1-24, 207		
ollection \Box			
ystem 🗆			•
perational Groups □			
escription: 9 of these equalising the rough forged state.	g beams have been forge	d and machined while tv	vo of them a
istory: The history of these ite	ems is unknown but it is	obvious that they have	been recent
unction and Operation: N/A		Location: Bay 1 North	 4 West
anotion and Operation: 10/10		Ecoulion Bay Trotal	2.4
		 	1 2
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1996 ____

Item Na	me: E	qualising Be	ams for [Diesel Locos			Item No. 1	9
Condition	on: Th	ne external s	surface o	f the item has	patches o	f superficial rust and b	oare metal.	The
item exh	ibits he	eavy rust in p	olaces.					
						·	. <u>.</u>	
Signific	ance N		Social	Technology/	State His	storical Themes:		
		a Aestione	Coolai	Research Potential	Category	_	Industrial Reli	ic
Rare	X			×	Themes	☐ 13 Transport☐ 15 Utilities		
Repres- entative	П		. 🗖	×	ĺ	16 Industry		Ì
ciiuuiii	_	_	_	_	 	18 Technology20 Government Admi	inistration	
Stateme	nt of S	Significance			<u> </u>			
operation research	n for o and o will yi	ver 20 years	s. The ite stential fo on on the	em is an integ or developing e nature of pa	ıral part of an unders	Vorkshops being assorthe Davy assemblage tanding of early enginactices. The items indi	. The item leering pract	has ice.
Conserv	ation	Policy:	 			·		
		•	_	being cleane nedules given		d and maintained ac	ccording to	the
•								
Policy In	nnlem	entation:		·				
All exterr rust is to such as \$	nal sur be ren Shell E	faces are to	ated. All polycrys	external surfactalline wax.	•	g appropriate methods be treated with an app	•	
								
Maintena								
		nal surfaces tion section.	for rust	every 12 mont	hs. Where	e necessary, coat as re	ecommended	i in]
Interpret	ation	 						
wrethiel	auoii.							
								-
								- }

Name Plate: N/A Associated Items: Individual Assemblage	
ndividual □ Assemblage ☑ Davy Press 1-24, 207 Collection □	****
Assemblage	
Collection	
system 🗀	· ·
Operational Groups	
his rack, most of them have steel handles which are in exceptor or the blacksmith to hold the item and stay well aw	vay from the very hot metal.
listory: The history of the items is unknown but many app	pear to be of a considerable age.
Function and Operation: The swages and fullers were and held and manipulated so that complex shapes could be forged with the Davy Press. Quite often two of the ems would be used simultaneously to allow metals to be sent or shaped around dies.	1



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EVELEIGH I	OCOMOTIV	F-WORKSHOPS	S MACHINERY	CONSERVATION
LATERIOUF			o moointeis:	COMPENSATION

1996___

Item Nar	ne:	Rack of	Swag	jes, Rods	. (Both sides	of rack).	· · · · · · · · · · · · · · · · · · ·	Item No. 20	
Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places.									
Significance Matrix Historical Aesthetic Social Technology/ Research Category Moveable Item Industrial Relic									
Rare Repres- entative			<u> </u>		Potential 図	Themes	☐ 13 Transport ☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government A	Administration	
Stateme		_				•			
operatior research	for and	over 20 educat	years	s. The ite etential fo	em is an integ	ıral part of an unders	the Davy assemble tanding of early er	ssociated with their age. The item has ngineering practice.	
Conserv	ation	Policy	·:						
The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.									
Policy In	plen	nentatio	on:	=		• •	<u> </u>		
rust is to such as	be re Shel	moved I ENSI	or trea	ated. All I or poly	external surfac crystalline wa	ces are to x. A suit	be treated with an a	ods. All superficial appropriate sealant platform is to be	
Conserve	in si	tu							
Maintena	nce	Schedu	ıle						
	Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.								
Interpreta	ation	:						·	
		•		•					
								-	

1996 ___

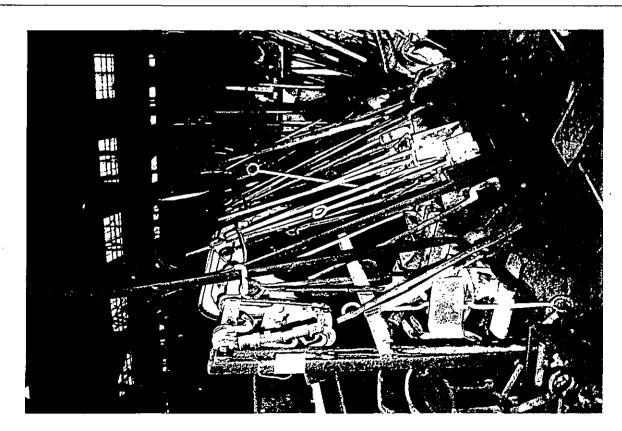
Item Name: A Rack of Tongs and Swages	Item No. 21
Name Plate: N/A	
Associated Items: Individual Assemblage Collection System Operational Groups Description: This rack contains some 36 sets of tongs which were used for holdi was being fastened onto the long balanced holders or as it was being worked on the	
History: The history of the items is unknown but many appear to be of some age.	· · · · · · · · · · · · · · · · · · ·
	Ed or man
Function and Operation: These items were hand held and were used for manipulating the hot metal prior to or during its being worked. Location: Bay 1 North and were used for manipulating the hot metal prior to or during its being worked.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 2 1
Photo: FILM No. 95-169-3-22 Photographed and inspected Decem	nber 1995

1996____

Item Na	me: Ra	ck of Tongs	s, Hand-h	eld Grips and	Swages		Item No. 21
i e		external s vy rust in p		the item has	patches o	f superficial rust and	bare metal. The
Ciarritia		4	 -		Ctota Uir	storical Themes:	
Signific	ance Ma Historical	Aesthetic	Social	Technology/ Research Potential	Category		ີ່⊒ l <u>n</u> dustrial Relic
Rare	×			x	Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative				×		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Adr	ninistration
Ct-t-m-	mt of Cir	nificance			J		
research	n and ed	ucation po	tential fo	_	an unders	the Davy assemblag tanding of early engi tices.	
Conserv	ation Po	olicv:			<u></u>	<u> </u>	
				edules given		d and maintained a	
Policy Ir	nplemen	itation:					
All exteri rust is to such as	nal surfa be remo Shell E ted form	ces are to ved or trea NSIS fluid	ited. All (external surfac crystalline wa	ces are to ax. A suit	g appropriate method be treated with an ap able ground level p the earth floor	propriate sealant
					, .		
Mainten	ance Sci	nedule					
		al surfaces n section.	for rust e	every 12 mont	hs. Where	e necessary, coat as	recommended in
Interpret	tation:	·- 	-				
							1

1996

	of Mixed Swages, Fullers, Templates and Hotsets	Item No. 22
Name Plate: N/A		
-	☐ ☐ Davy Press 1-24, 207 ☐ ☐	and to cut and form
unction and Op and manipulated a	eration: These items were hand held some of them appear to be question. These items were hand held as the cross head of the Davy Press, and the swage fuller or hotset onto the distribution.	



Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficiarust is to be removed or treated. All external surfaces are to be treated with an appropriate sealan such as Shell ENSIS fluid or polycrystalline wax. A suitable ground level platform is to be constructed form obviously new material to keep the items off the earth floor. Conserve in situ Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Item Na	me: Rack	of Mixed	Swages	, Moulds, Tem	plates		Item No. 22
Historical Aesthetic Social Technology/ Research Potential Potential Rare					f the item has	patches o	of superficial rust and	bare metal. The
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with the operation for over 20 years. The item is an integral part of the Davy assemblage. The item had research and education potential for developing an understanding of early engineering practice. The item will yield information on the nature of past work practices. Conservation Policy: The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A suitable ground level platform is to be constructed form obviously new material to keep the items off the earth floor. Conserve in situ Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Rare Repres-	Historical	Aesthetic	<u> </u>	Research Potential	Category	☐ Moveable Item ☐ 13 Transport ☐ 15 Utilities ☐ 16 Industry	Industrial Relic
The item was an integral part of the Eveleigh Locomotive Workshops being associated with the operation for over 20 years. The item is an integral part of the Davy assemblage. The item has research and education potential for developing an understanding of early engineering practice. The item will yield information on the nature of past work practices. Conservation Policy: The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A suitable ground level platform is to be constructed form obviously new material to keep the items off the earth floor. Conserve in situ Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.					······		20 Government Adm	ninistration
The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A suitable ground level platform is to be constructed form obviously new material to keep the items off the earth floor. Conserve in situ Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	operation research The item	n for over and edu will yield	20 years cation po informatio	. The ito	em is an integ or developing	ıral part of an unders	the Davy assemblage tanding of early engi	e. The item has
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A suitable ground level platform is to be constructed form obviously new material to keep the items off the earth floor. Conserve in situ Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	The iten	n is to b	e preser				d and maintained a	ccording to the
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A suitable ground level platform is to be constructed form obviously new material to keep the items off the earth floor. Conserve in situ Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Policy In	nnlement	ation:			<u>.</u>	·	
Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	All externance from the construction of the co	nal surfact be remov Shell EN ted form o	es are to ed or trea ISIS fluid	ated. All or poly	external surfa crystalline wa	ces are to x. A sui	be treated with an app table ground level pl	propriate sealant
Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.					·			
	Inspect a	ıll external	surfaces	for rust	every 12 mon	ths. Where	e necessary, coat as r	recommended in
Interpretation:	Interpret	ation	<u>.</u>					

1996___

Item Name: Collection of Swage Blocks and Dies for the Davy Press Item No. 2							
Name Plate:							
Associated Items:							
Individual							
Assemblage	V	Davy Press 1-24, 207					
Collection							
System			-un				
Operational Groups		•	•				
Description: All of t	he di	e blocks and swages are fitted with a dove-tailed	I head which allows ther				

Description: All of the die blocks and swages are fitted with a dove-tailed head which allows them to be fitted snugly into the crosshead mounting on the Davy Press. Some of these items come in pairs as a die and an anvil whereas others come as a two-die set for hot forging. The items must be regarded as integral parts of the Davy Press.

History: It is believed that all of these items were supplied with the Davy Press although some of them have been cast at the workshops.

Function and Operation: The dies, die sets and swages are fitted into the dove-tailed slot in the Davy Press crosshead and base and wedged into place with steel wedges. The heated billets or material being formed is in place between the faces of the dies or anvils or swage blocks and formed when the pressure is applied to the crosshead.

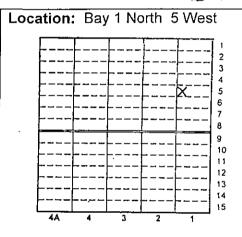
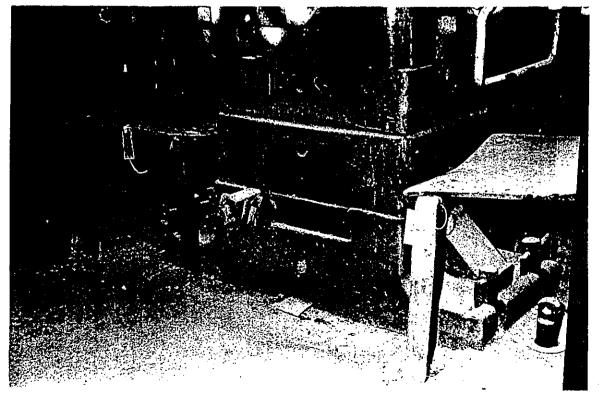


Photo: FILM No. 95-169-3-24 Photographed and inspected December 1995

1996___

Item Na	me: Coll	ection of L	arge Sw	age Blocks for	Davy		Item No. 23
		external so vy rust in p		the item has	patches o	f superficial rust ar	nd bare metal. The
Significa	ance Ma Historical	trix Aesthetic	Social	Technology/ Research	State His	storical Themes:	☐ <u>Industrial</u> Relic
Rare Repres- entative	X	<u> </u>		Potential	Themes	☐ 13 Transport ☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government A	Administration
 Stateme	nt of Sig	nificance:					
research The item Conserv The item	and edu will yield ation Po	ication pol informatio	ential fon the	r developing nature of pas	an unders t work praced d, service	tanding of early er	age. The item has ngineering practice.
All extern		ces are to					ods. All superficial
such as	Sheli El	NSIS fluid	or poly	crystalline wa	x. A suit		appropriate sealant platform is to be
Conserve	in situ						
Maintena	ince Sch	edule					
		al surfaces n section.	for rust o	every 12 mont	ths. Where	necessary, coat a	s recommended in
nterpret	ation:		<u> </u>				
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER		1996
Item Name: Metal Work Tables for Davy Press		Item No.24a-e
Name Plate: N/A	· · · · · · · · · · · · · · · · · · ·	
Associated Items: Individual Assemblage Collection System		
Operational Groups Description: These small metal tables consist of a plate of from 500-900mm wide and 900-1500mm long with legs in place.	•	•
History: The history of the items is unknown.		
Function and Operation: These items were light enough to be moved manually around the workshops and could be used to temporarily place hot metal on while the grips of the large holders were attached to them.	Location: Bay 1 North	3 East 4 VVest
Photo: FILM No. 95-169-3-25 Photographed	and inspected Decemb	er 1995



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION Item Name: Metal Work Tables for Davy (5)

1996___

Item Na	Item Name: Metal Work Tables for Davy (5) Item No.24a-e						
Condition: The external surface of the item has patches of superficial rust and bare metal. The							
item exhibits heavy rust in places.							
					·		
Signific	ance Ma Historical	trix Aesthetic	Social	Technology/	State His	storical Themes:	
				Research Potential	Category	☐ Moveable Item	☐ lndustrial Relic
Rare	×			×	Themes	13 Transport	·
Repres-						☐ 15 Utilities☐ 16 Industry	
entative				X	1	☐ 18 Technology	
]						☐ 20 Government A	dministration
Stateme	ent of Sig	gnificance:		····	<u> </u>		
							ssociated with their
						the Davy assembla tanding of early en	age. The item has
				nature of pas			iginoching practice.
Conserv	ation Po	olicy:				<u>.</u>	
The iten	n is to	be preserv	ed by	being cleane	d, service	d and maintained	according to the
impleme	ntation a	nd maintena	ance scl	nedules given	below.		
				v.			
	•						•
Policy In	nplemer	ntation:	 -				· · · · · · · · · · · · · · · · · · ·
All extern	nal surfa	ces are to b	oe clear	ned and degre	ased using	appropriate metho	ods. All superficial
rust is to	be remo	ved or treat	ed. All	external surfa			appropriate sealant
such as	Shell EN	SIS fluid or p	polycrys	stalline wax.			
Conserve	e. May r	eposition in	same b	ay.			
Maintena	ance Sci	hedule					
							. "
		al surfaces t on section.	for rust	every 12 mont	ths. Where	e necessary, coat a	s recommended in
	<u>. </u>						
Interpret	ation:						
		-					ł
							- -

1996

Item Name: The Furnace for Billets for the Davy Press Item No. :							
	Davy Press 1-24, 207						
		· ·					
		☐ Davy Press 1-24, 207					

Description: This large furnace measures about 5 metres long, 4 metres wide and 2 metres high. It is fitted with two steel framed counter-balanced doors which are operated by chain driven pulleys. The furnace itself is steel-framed and lined with fire brick. There are two firing ports on each side. The furnace has been converted from gas to oil-fired and was used for heating billets for the Davy Press.

History: The history of the item is unknown but it is believed that this was installed around the time that the furnace/boilers were removed from their position immediately inside the east wall, adjacent to the Davy Press.

Function and Operation: The billets to be heated were placed inside using balanced tongs, the doors were fastened in place and the item heated, often overnight. Removing the billet was done with the tool 5N which was a wedge spade and it was operated in much the same was as a fitsa spade.

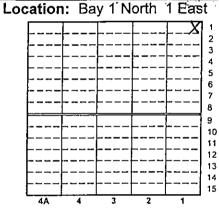
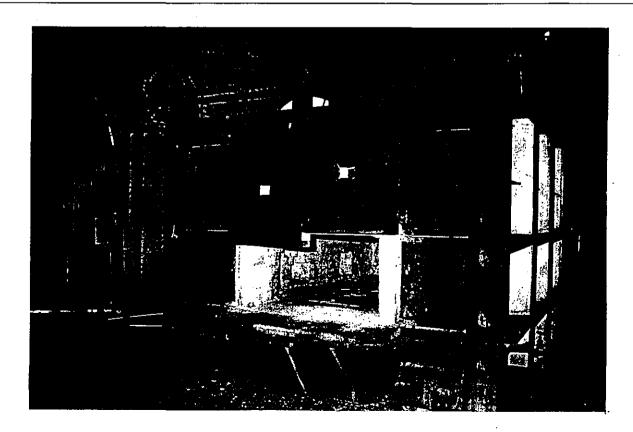


Photo: FILM No. 95-169-3-26 Photographed and inspected December 1995



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION	EVEL	EIGH :	LOCOMOTIVE	WORKSHOPS	MACHINERY	CONSERVATION
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1996___

Item Na	me: Furr	nace for Da	avy Press	3			Item No. 25		
Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. The internal lining is in fair condition and almost complete.									
Signific	ance Mat	rix			State His	storical Themes:			
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic		
Rare					Themes	☐ 13 Transport☐ 15 Utilities			
Repres- entative		۵	Q	۵		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Admi	nistration -		
being a	ssociated	with their	operation		years. Th	of the Eveleigh Locomone item is an integral pegrity.			
the Dav accordin	Conservation Policy: The item is to retained in its present location and be preserved as part of the Davy assemblage. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.								
methods with an	s. All sup appropria	erficial rus te sealant	t is to b∈ such as	removed or Shell ENSIS	treated. A	aned and degreased us All external surfaces ar alycrystalline wax. All hey may then be recor	re to be treated pipes are to be		
Conserv	e jn situ								
Mainten	ance Sch	edule		,					
	all externa ementation		for rust e	every 12 mont	hs. Where	e necessary, coat as re	ecommended in		
Interpre	tation:		·				· <u>·</u>		
							-		
							}-		

1996 ___

Item Name: Overhe	ad C	rane	Item No. 207
Name Plate: N/A			<u>.</u>
Associated Items:			
Individual			·
Assemblage	\square	Davy Press 1-24, 207	
Collection			
System			
Operational Groups			

Description: This crane consists of twin plate girder beams which taper towards the end. It was made by Craven Brothers and was probably located in another bay within the workshops. It would appear that the crane was originally driven by continuous rope, powered by a steam engine at one end of the workshop and later converted to electric power. This crane was mounted in this position, probably in 1926 and was dedicated to the operation of the Davy Press. The crane rail beams on the western side have been attached to new columns formed from high beams and the same has happened on the eastern side.

History: The crane is of some considerable age and has been moved to this position from some other area of the workshop. It has been converted probably from rope drive to electric power. The crane was placed in this position probably prior to the Davy Press being installed so that it could assist with the installation of the Davy and possibly the removal of other items which were installed here previously.

Function and Operation: The crane is operated from a small cab which is suspended beneath the crane beams. The cab holds three motor controllers, one for each of the motors on the crane. These motors power the longitudinal movement of the crane, transverse movement of the crane carriage and of the crane hoisting cable.

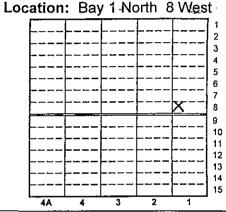
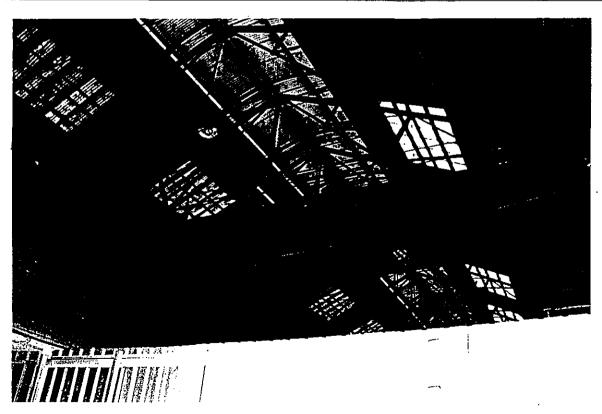


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Item Na	me: Ove	rhead Elec	ctric Trav	elling Crane	· · · · · · · · · · · · · · · · · · ·		Item No. 207
Condition	on: In ge	eneral the	item apr	pears to be in	operable	condition providing	power sources are
							ace of the item has
patches	of superf	icial rust a	nd bare r	netal.			
Significa	ance Mat	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare	×	×		X	Themes	☐ 13 Transport	
Repres-						15 Utilities	
entative	×			a		☐ 16 Industry ☐ 18 Technology	
						20 Government	Administration
Statoma	nt of Cio	nificanca	. The ite	m waa an inte	aral part s		
							omotive Workshops ral part of the Davy
			•		•	_	s design and detail.
	_		•				erstanding of early
-			-		n on the n	ature of past work	practices. The item
exhibits a	a high de	gree of str	uctural in	tegrity.		•	
Conserv	ation Po	licy: The i	tem is to	retained in its	present lo	cation and be pres	erved as part of the
							s to be reconnected
							g cleaned, serviced
and mair	ntained ad	cording to	the impl	ementation an	id mainten	ance schedules giv	en below.
Policy In	nplemen	tation:					:
i Olicy III	ubremen	tation.					· · · · · · · · · · · · · · · · · · ·
							ods. All superficial
							appropriate sealant
				ystalline wax. onserve in siti		ng parts of electric	c motors are to be
Covered	ro bieveii	i iigiess o	i dust. C	onserve in sid	u		
Maintena	ance Sch	edule					
		il surfaces n section.	for rust e	every 12 mont	hs. Where	e necessary, coat a	as recommended in
me imple	memano	i section.	•			,	
		٠					
							*
Interpret	ation:			<u> </u>			
morproc	ation,		•				
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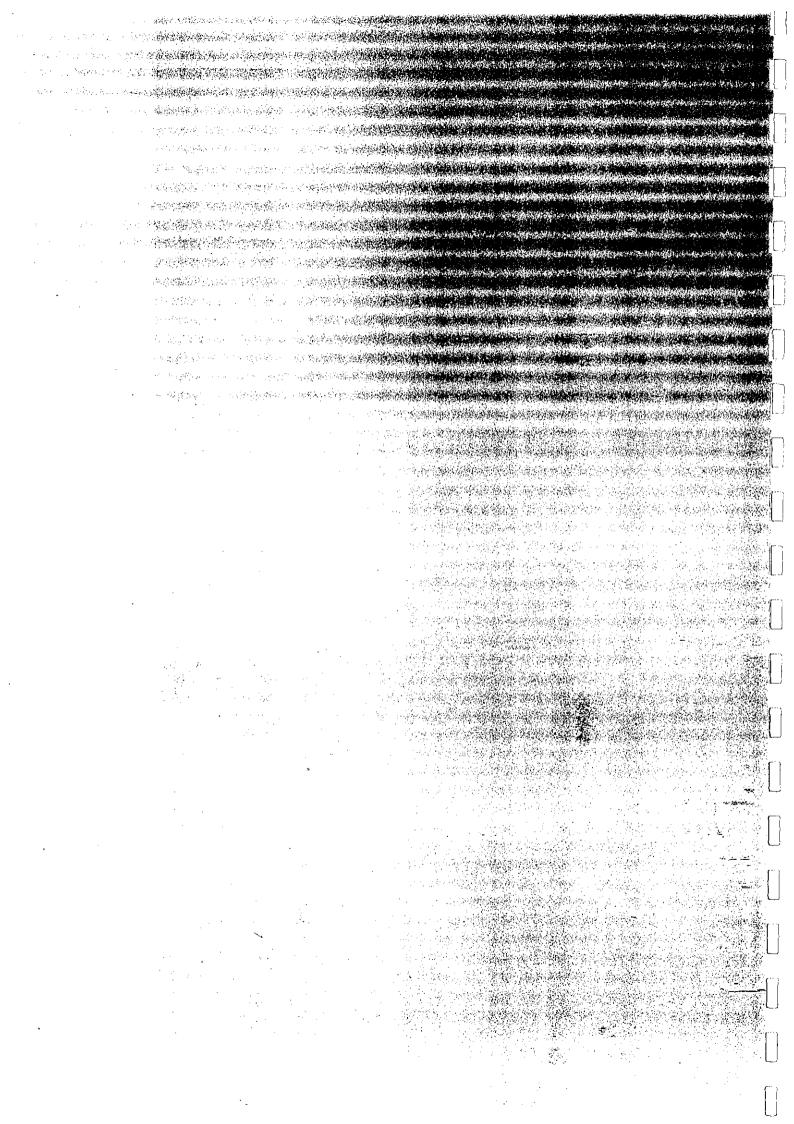
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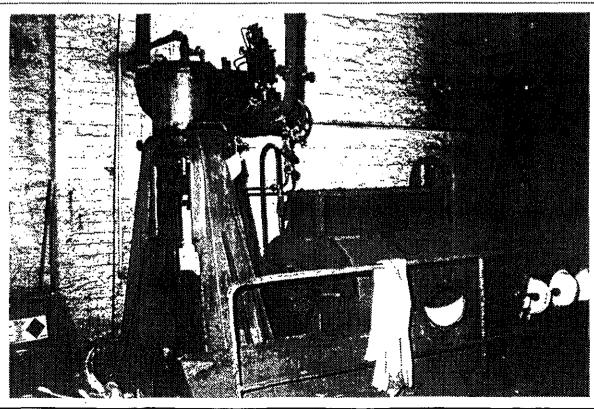
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	CONSERVATION	1996
Item Name: Rootes No.5 Blower		Item No. 41
Name Plate: NSWGR No. 751 THWAITES BROTHERS LTD ROOM No.5 BRADFORD YORKSHIRE 1903 PATTERN	TES BLOWER	
Associated Items:		
Individual		
Assemblage		
System	•	
Collection Blowers 41, 42, 61.		
Description: The Rootes Blower is a single piston steat counter-rotating vane air pump. The Blower supplies blacksmiths forges. The power pack is a simple vertical steat connected to a cross-head which has twin crank shafts. driving wheel, direct coupled to a vane shaft. History: The Route Blower was installed in 1904 to supplied forgers. It is believed it was located in this position and has	high volume low press eam cylinder with a single Each of the crank shaft oly low pressure air to the	ure air to the shaft which is ts is fitted to a
Function and Operation: The blowers supply air at low pressure compared to the air compressors which supply high pressure air. High pressure air is unsuitable for forges as the amount of air going through is disruptive. When operating, the blower was turned on by opening the steam valve. The air was supplied to the furnaces or directed to exhaust.	Location: Bay 1 South	15W - 1 2 3 4 5 6 7 8 9 10 11 12 13

FILM No. 95-169-1-8 Photo:

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996

Item N	ame: Roo	otes No.5	Blower				Item No. 41
Condit	ion:	· · · · · · · · · · · · · · · · · · ·	· · ·	·			<u> </u>
the iten	n is cleane d bare m	ed, service	d and tes condition	ted. The exte	rnal surfac	iding power sources a se of the item has pato s unknown and the p	hes of superficial
2					T	·	
Signific	cance Ma Historical	trix Aesthetic	Social	Technology/		storical Themes:	•
				Research Potential	Category	☐ Moveable Item ☐	I Industrial Relic
Rare	×	×		X	Themes	☐ 13 Transport	
Repres-						☐ 15 Utilities ☐ 16 Industry	
entative	×	. 🗖		X		18 Technology	••••
						20 Government Adm	ninistr <u>ati</u> on
Statem	ent of Sig	nificance	·		<u>. </u>		
operation former impress	on for ove manufact live in size	r 80 years. uring tech and form	The iter nologies and exhil	n is an integra now rarely o bits a unity in	al part of the evident in its design	Vorkshops being assone steam system. The operating workshops and detail. The item hengineering practice.	e item represents s. The item is
the Blov cleaned given be	ver collect , serviced elow.	tion and St I and mai	eam syst	tem to which i	t belongs.	nt location and be pre The item is to be pre entation and mainter	eserved by being
Policy I	mplemen	itation:					
internal to be cle treated. fluid or p inhibitor should b	bare meta eaned and All extern polycrysta . They made suitably	al surfaces I degrease nal surface Iline wax. ay then be	are to be d using a s are to b All pipes reconned and coate	e dried and gre ppropriate me be treated with are to be disc cted. All opera ed with an app	eased to protection of the contraction of the contr	, all bearings and gland event rust. All externations are superficial rust is to be oriate sealant such as cleaned, dried and tre ces exhibiting a normate ealant such as Shell Ei	al surfaces are e removed or Shell ENSIS ated with rust ally bright finish
						·	
Mainter	nance Scl	redule					
				•			
			· 				
Interpre	etation:						
•						•	
		•					

1996

Item Name: Rootes No. 6 Blower	Item No. 42
Name Plate: NSWGR No. 755 THWAITES BROTHERS No.6 ROOTES PATENT BLOWER BRADFORD YORKSHIRE	
Associated Items:	
Individual	
Assemblage 🗅	
System	
Collection Blowers 41, 42, 61.	
Description: The Rootes Blower is a single piston steam engine with tw	in shafts operating a

Description: The Rootes Blower is a single piston steam engine with twin shafts operating a counter-rotating vane air pump. The Blower supplies high volume low pressure air to the blacksmiths forges. The power pack is a simple vertical steam cylinder with a single shaft which is connected to a cross-head which has twin crank shafts. Each of the crank shafts is fitted to a driving wheel, direct coupled to a vane shaft.

History: The Rootes Blower was installed in 1911 to supply low pressure air to the blacksmiths forges. It is believed it was located in this position and has remained here since installation.

Function and Operation: The blowers supply air at low pressure compared to the air compressors which supply high pressure air. High pressure air is unsuitable for forgers as the amount of air going through is disruptive. When operating, the blower was turned on by opening the steam valve. The air was supplied to the furnaces or directed to exhaust.

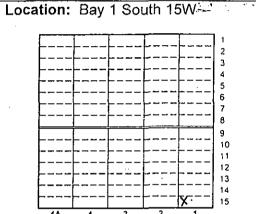
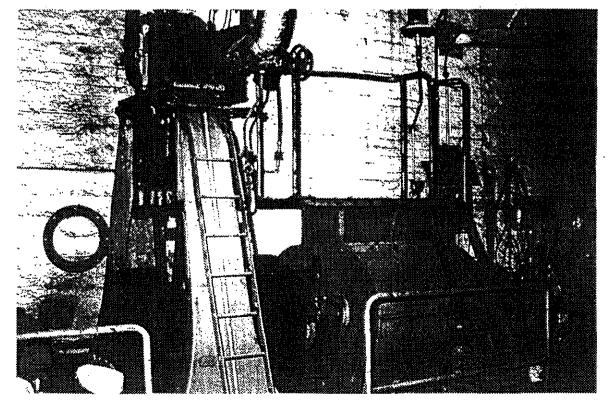


Photo: FILM No. 95-169-1-9 Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996

Conditio	ne: Rootes	No.6 E	lower		,		Item No. 42
the item i	al, the item a is cleaned, s	serviced . The	d and test condition	ted. The exte	rnal surfac	ding power sources are se of the item has patch s unknown and the po	nes of superficial
						•	
	nce Matrix Historical Ae	esthetic	Social	Technology/ Research	State His	storical Themes:	Industrial Relic
Dave	×	ᅜ		Potential ਵਾ	Themes	☐ 13 Transport	
Rare	L	X	u	X	Themes	15 Utilities	
Repres-	•	_	_			☐ 16 Industry	
entative	X			×		☐ 18 Technology	· ·. ,
						20 Government Adm	inistr <u>ati</u> on 🦢 🕌
Statemer	nt of Signifi	cance				· · · · · · · · · · · · · · · · · · ·	
impressiv education Conserva the blowe	re in size and potential for potential for policy ation Policy er collection serviced and	d form or devel /: The and ste	and exhib oping an item is to eam syste	oits a unity in understanding be retained in em to which i	its design a g of early e n its present t belongs.	operating workshops and detail. The item hengineering practice. Int location and be presented item is to be presentation and mainten	as research and erved as part of served by being
	ıplementati	on:				·	
internal ba to be clea treated. <i>A</i>	are metal su ined and de All external s olycrystalline They may th	urfaces greased surfaces wax. A hen be	are to be d using a s are to b All pipes reconnec	dried and gre ppropriate me treated with are to be disc	eased to pr thods. All an approponance	, all bearings and gland event rust. All externa superficial rust is to be priate sealant such as so cleaned, dried and trea ces exhibiting a normal	l surfaces are removed or Shell ENSIS
inhibitor. should be	alline wax. C			d with an app		ealant such as Shell EN	
inhibitor. should be				d with an app			
inhibitor. should be polycrysta		onserv		d with an app			
inhibitor. should be polycrysta	alline wax. C	onserv		d with an app			
inhibitor. should be polycrysta	alline wax. C	onserv		d with an app			
inhibitor. should be polycrysta	alline wax. C	onserv		d with an app			
inhibitor. should be polycrysta	alline wax. C	onserv		d with an app			
inhibitor. should be polycrysta Maintena	alline wax. C	onserv		d with an app			
inhibitor. should be polycrysta Maintena	alline wax. C	onserv		d with an app			

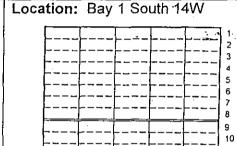
1996

Item Name: B	lacksmit	hs Forge	Item No. 44
Name Plate: 1	VSWTD	FB 12 50 -	1
Associated Ite		10 12 00	
Individual			
Assemblage	$\overline{\mathbf{Q}}$	Electropneumatic 7CWT 44, 45, 58-60, 62AB, 66F, 66A	٠.
System		•	
Collection	. 🗹	Forges 27A-H, 44, 59, 87, 88, 90, 93, 97, 99.	
Description:	This forg	e varies from other forges in the shop in that it is constructed	from angle iro

Description: This forge varies from other forges in the shop in that it is constructed from angle iron and sheet steel for the canopy while the forge half itself is brickwork. The tuyere which supplies the air to the forge is water cooled. It is not known why this pattern of forge is located in this position but it is possible that the previous standard cast-iron railway pattern forge reached the end of its life. Rather than move another forge, this one was constructed specifically for this location.

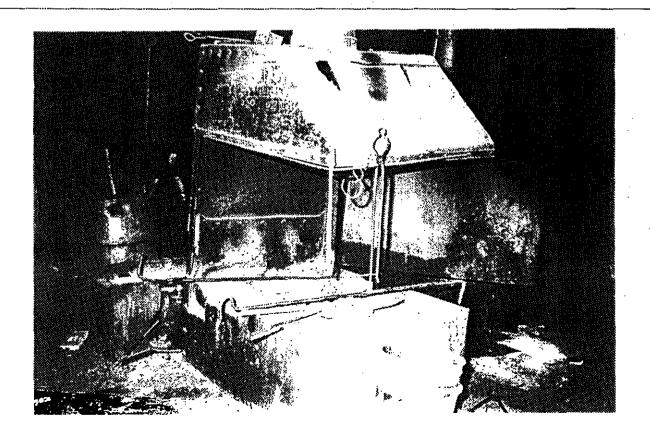
History: The history of the item is unknown.

Function and Operation: The forge is operated in precisely the same way as the other blacksmiths forges with the hearth having a bottom entry for the air and the water cooled tuyere entering from the rear. The amount of air supplied to the forge is controlled by the blacksmith through a small lever.



Photographed and inspected December 1995

Photo: FILM No. 95-169-1-11



Item Name: Bi	acksmiths F	orge					Item No. 44
	ned, servic	ed and t	ested. The it	em exhibit			re connected an
Significance M Historica	atrix I Aesthetic	Social	Technology/ Research Potential	State His	storical Theme	•	Industrial Relic
Rare 🗵 Repres- entative 🗵	<u>.</u>	<u> </u>	E	Themes	☐ 13 Transpor☐ 15 Utilities☐ 16 Industry☐ 18 Technolog	v	
		•		,	20 Governm		ninistration
and its operation	ctice. The it	em will y	ield informatio	on on the n		under	standing of earl
and its operation Conservation F The item is to r forge collection	ctice. The it it is easy to it is easy to it it is easy to it it it it it it it it it it it it it	em will y interpret s preser system to naļ. Th	ield information from its existing the location and which it belowe item is to	on on the ning fabric. I be preserongs. The be preser	developing an ature of past we record and record item is to be reved by being	undersork pra	ed as part of the cted to its powerd, serviced and
Conservation F The item is to r Torge collection Source and ma	ctice. The it it is easy to it is easy to it it is easy to it it it it it it it it it it it it it	em will y interpret s preser system to naļ. Th	ield information from its existing the location and which it belowe item is to	on on the ning fabric. I be preserongs. The be preser	developing an ature of past we record and record item is to be reved by being	undersork pra	ed as part of the cted to its powerd, serviced and
Conservation Forge collection source and ma	ctice. The it in is easy to it colicy: etained in it and blower de operation ording to the	em will y interpret s preser system to naļ. Th	ield information from its existing the location and which it belowe item is to	on on the ning fabric. I be preserongs. The be preser	developing an ature of past we record and record item is to be reved by being	undersork pra	ed as part of the cted to its powerd, serviced and
Conservation Forge collection source and maintained according to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processory reason to the processor to the proc	ctice. The it is easy to in is easy to in its easy to indicate operation in its easy to interest easy	em will y interpret s preser system to nal. Th impleme	ield information from its existing and on the item is to entation and meaning the item is to entation and meaning and out to keep	on on the nag fabric. I be preseongs. The be preservaintenance	rved and recorditem is to be recorded by being eschedules given	under ork pra estructe econne cleane en belo	standing of early ctices. The iter ed as part of the cted to its powered, serviced and ow.
Conservation For the item is to refere collection source and manaintained accordance a	ctice. The it is easy to in is easy to in is easy to in it is easy to in it is easy to in it is easy to in it is easy to in it is easy to indice operation of its easy to interest in its easy to inte	em will y interpret s preser system to nal. Th impleme	ield information from its existing and on the item is to entation and many and out to keep many is to receive	on on the nag fabric. If be preserongs. The be preserond internance of the item of the it	developing an ature of past we rved and recorditem is to be reved by being a schedules give perational. Presented in situ.	undersork pra	standing of earlictices. The iter ed as part of the cted to its power ow.
Conservation For the item is to record collection and maintained accordicy implemental necessary redepend on the accordicy implemental necessary redepend on the accordicy implemental necessary redepend on the according to the a	ctice. The it is easy to in is easy to in is easy to in it is easy to in it is easy to in it is easy to in it is easy to in it is easy to indice operation of its easy to interest in its easy to inte	em will y interpret s preser system to nal. Th impleme	ield information from its existing and on the item is to entation and many and out to keep many is to receive	on on the nag fabric. If be preserongs. The be preserond internance of the item of the it	developing an ature of past we rved and recorditem is to be reved by being a schedules give perational. Presented in situ.	undersork pra	standing of earlictices. The iter ed as part of the cted to its power ow.
Conservation For the item is to refere collection source and manaintained accordance a	ctice. The it is easy to in is easy to in is easy to in it is easy to in it is easy to in it is easy to in it is easy to in it is easy to indice operation of its easy to interest in its easy to inte	em will y interpret s preser system to nal. Th impleme	ield information from its existing and on the item is to entation and managed out to keep managed out to k	on on the nag fabric. If be preserongs. The be preserond internance of the item of the it	developing an ature of past we rved and recorditem is to be reved by being a schedules give perational. Presented in situ.	undersork pra	standing of earlictices. The iter ed as part of the cted to its power ow.
Conservation F The item is to r forge collection source and ma	ctice. The it is easy to in is easy to in is easy to in it is easy to in it is easy to in it is easy to in it is easy to in it is easy to indice operation of its easy to interest in its easy to inte	em will y interpret s preser system to nal. Th impleme	ield information from its existing and on the item is to entation and managed out to keep managed out to k	on on the nag fabric. If be preserongs. The be preserond internance of the item of the it	developing an ature of past we rved and recorditem is to be reved by being a schedules give perational. Presented in situ.	undersork pra	standing of earlictices. The iter ed as part of the cted to its powe ed, serviced and ow.

1996

Item Name: 7CWT CraneItem No. 45Name Plate: L499 LOAD NOT TO EXCEED 7CWTSAssociated Items:Individual□Assemblage☑Electropneumatic 7CWT 44, 45, 58-60, 62AB, 66F, 66A.System□Collection☑Jib Cranes 30, 45, 46, 50, 55, 58, 76, 77, 80, 84, 183, 195.Description: This small crane is of the jib-type. It has a kingpost constructed of C-Section steel.

Description: This small crane is of the jib-type. It has a kingpost constructed of C-Section steel. The jib is universal section and the jib is counter-weighted at its rear end. The jib is based front and rear by twin steel straps. The jib carries a small carriage on rollers which is moved manually and from which is suspended an adjustable chain holder which held balanced tongs for gripping work which was being forged under the electropneumatic hammer.

History: The history of the item is unknown but it was erected in this position prior to World War II.

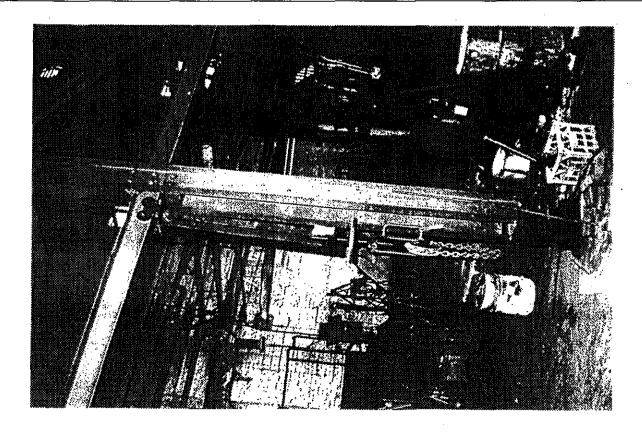
Function and Operation: The tongs in which the material was held were passed through the chain loop and the material was manipulated under the electro-pneumatic hammer.

Location: Bay 1 South 14W

Photo:

FILM No. 95-169-1-12

Photographed and inspected December 1995



1996

Item Na	me: 7CV	VT Crane					Item No. 45
Condition	on:						
The item	n is in god	od structura	l repair a	and has no ob	vious signs	s of rust.	
Signific	ance Mat	trix	,		State His	storical Themes:	
_	Historical .	Aesthetic	Social	Technology <i>l</i> Research	Category	☐ Moveable Item ☐	Industrial Relic
Rare				Potential '	Themes	☐ 13 Transport	
	_					15 Utilities	
Repres- entative	×			×		16 Industry	
,	_	_		_		☐ 18 Technology ☐ 20 Government Adm	injetration
					<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·
being as assembl	ssociated age. Th	with their	operation I its ope	n for over 50 ration is easy	years. Th	of the Eveleigh Locom ne item is an integral ret from its existing f	part of the forge
Conserv	ation Po	licy:					,
		ained in its in which it be		location and b	e preserve	ed as part of the forge	assemblage and
		,	•	·			
Policy In	nplemen	tation:				·	
rust is to	be remo	ved or treat	ed. All e		ces are to I	appropriate methods. be treated with an app n situ.	-
	٠.					p.t.	
Mainter	ones Cal	2001-1-					
wainten	ance Sch	ieaule '				•	
Inspect f	or physic	al damage	and dete	erioration ever	y 12 month	ns and implement repa	iir as necessary. 🔭
-	all externa		for rust e	every 5 years.	Where no	ecessary, treat as reco	mmended in the
							<u> </u>
Interpre	tation	 					·
incorpio		•					Į.
		•					
		•					<u>}</u> -
	•	•		•			

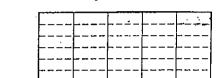
1996

Item No. 46 Item Name: 10CWT Jib Crane Name Plate: LC 498 CLASS 3 S.W.L. 10CWT Associated Items: Individual Steam Hammer 20 CWT 46, 47, 57, 66E, 71. Assemblage V System Jib Cranes 30, 45, 46, 50, 55, 58, 76, 77, 80, 84, 183, 195. Collection V

Description: This very early jib crane has a cast-iron kingpost and a wrought iron or mild steel jib. It is stayed front and rear, the rear being stayed to a point close to the bottom of the king post. This crane relies for its stability on its footing. The jib crane is a superb example of late nineteenth century design.

History: The crane was located in this position prior to World War 1. It could be one of the earlier machines erected at the Workshops.

Function and Operation: The slewing is done manually by dragging the jib. The carriage is also moved forwards and backwards manually while the lifting is done through a crank attached to the cast iron hoisting drum at the base of the King Post.



Location: Bay 1 South 12-13W

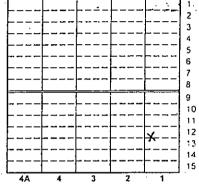
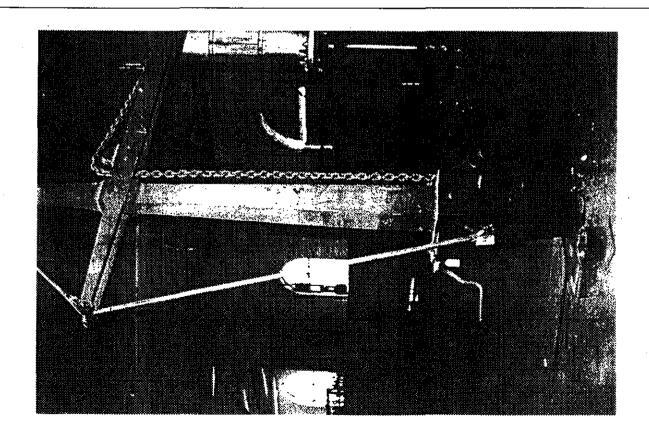


Photo: FILM No. 95-169-1-13 Photographed and inspected December 1995



1996---

Item Na	me: 10 (CWT Jib C	ane				Item No. 46
Conditi	on:			· · · · · · · · · · · · · · · · · · ·			
The iten	n is in god	od structure	al repair a	and has no ob	vious sign	s of rust.	
Signific	ance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare Repres-			Q .	Potentia	Themes	☐ 13 Transport☐ 15 Utilities☐	·
entative	X			×		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Adm	inistration
assembl	lage. Th		d its ope	ration is easy	•	ne item is an integral pret from its existing fa	
Concon	vation Po	liou			· · · · · · · · · · · · · · · · · · ·	·	
The item	is to reta	-	•	ocation and b	e preserve	ed as part of the forge	assemblage and
Policy li	mplemen	tation:					
rust is to	be remo	ved or trea	ted. All		ces are to	g appropriate methods be treated with an app situ.	
Mainten	ance Scl	nedule			•		
Inspect f	or physic	al damage	and dete	rioration ever	y 12 month	ns and implement repa	ir as necessary.
	all externa		for rust e	very 5 years.	Where ne	ecessary, treat as reco	mmended in the
Interpre	tation:				- · · · · · · · · · · · · · · · · · · ·		-
,					•		
	•	•	·			•	
			•	•			·

1996

Item Name:	Oil Furnac	e Item No. 47
Name Plate:		
Associated Iter	ns:	
Individual		
Assemblage	☒	Steam Hammer 40 CWT 47, 53, 54, 56, 66BCD, 70, 53. Steam Hammer 20 CWT 46, 47, 57, 66E, 71.
System Collection		Furnaces 47, 48, 53, 56, 59, 79, 86, 95, 97, 99, 106, 110, 111, 129, 159, 161, 198.

Description: There are two large oil furnaces in Bay 1 South. Both were for heating large billets which were to be worked under the 4000 weight Steam Hammer or the 2000 weight Steam Hammer. The furnaces are in excess of 2 metres wide, 3 metres long and stand about 2 metres high. Each is fitted with a heavy steel framed, fire-brick lined door which is counter-weighted by a chain to the rear. The door is lifted by a chain driven wheel. Initially, it is believed that these furnaces were fired by gas and they were later converted to oil. The furnaces are braced with universal section members and in-fill cast-iron and sheet steel sheathing. The interior is lined with fire brick. Air for the furnaces, because of the quantity required, is supplied from air compressors.

History: The history of the item is unknown but it is believed that it was installed in this position prior to World War II. However, as with many furnaces, this one may have been re-built on a number of occasions.

Function and Operation: This furnace originally supplied indirect or reflected heat through a reverberatory style roof. The oil is supplied from an elevated external reservoir. The air is now supplied from a specially introduced air compressor.

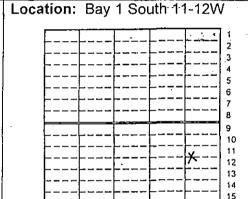
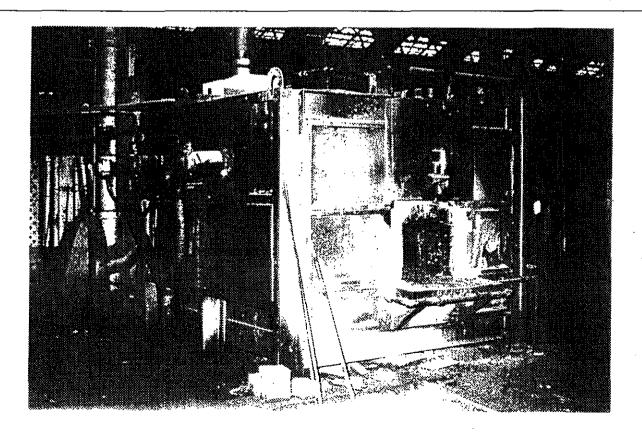


Photo: FILM No. 95-169-1-14 Photographed and inspected December 1995



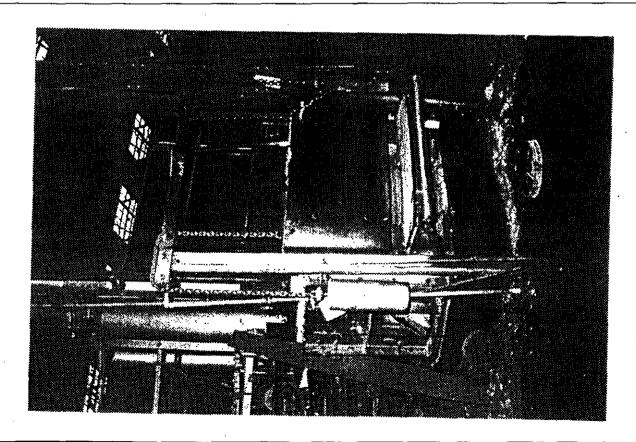
1996

Item Na	me: Oil I	Furnace					Item No. 47
Conditio	n:	,		·	· · · · · · · · · · · · · · · · · · ·		
-	-	m appears d, serviced		•	dition provi	ding power sources a	re connected and
The exte	rnal surfa	ace of the i	tem has	patches of su	perficial ru	st and bare metal.	
Significa	ance Mat Historical	trix Aesthetic	Social	Technology/ Research	State His	storical Themes:	☐ Industrial Relic
Rare				Potential	Themes	☐ 13 Transport	a muustna Keno
Repres- entative	×			x		☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Adi	ministration
being as hammer	sociated assembl	with their age. The	operation item and	n for over 40	years. Th	of the Eveleigh Locon e item is an integral o interpret from its ex	part of the steam
Conserv	ation Po	licy:				<u> </u>	
						served as part of the urnace is to remain o	
Policy In	nplemen	tation:		· · ·			· · · · · · · · · · · · · · · · · · ·
The furna situ.	ace is to	remain op	erationa	al and therefor	e cannot l	nave its surface treat	ed. Conserve in
Maintena	ance Sch	nedule					
			and dete	erioration ever	y 12 month	ns and implement rep	air as necessary.
							-
					·u		
Interpret	ation:		 				
÷			-				

1996

	CCCINICITAL	WORKSHO	O INACI III	ILIXI CC	NASEIVANII	ON		330
Item Name:	Furnace		· ·	<u> </u>			Item No	. 48
Name Plate:	NSW TD PP	14 S.O	 _, , , , , , , , , , , , , , , , , ,					
Associated	tems:							
Individual								
Assemblage				1				
System								
Collection	_	urnaces 47, 4 59, 161, 198.	8, 53, 56, 5	i9, 79, 86	6, 95, 97, 99 	, 106,	110, 111	, 129,
lined with fire	This relatively ers or to be worked brick. The hor by pressing of	rked under the neavy front do	hydraulic pr or is counte	ess. The	frame is cas	st iron	and shee	t steel
History: The	history of the it	em is unknowr	but a furna	ce has be	en in this loc	ation s	ince 1917	7.
Function and the direct hea	d Operation: 1 t principle.	The furnace wa	s operated	on Loca	ation: Bay 1	South	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	_

Photo: FILM No. 95-169-1-15 Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

Item Name	e: Furn	ace					Item No. 48
Condition	1:	· · · · ·					
In general, the item is				•	dition provi	iding power sources ar	e connected an
The extern	nal surfa	ce of the	item has	patches of su	perficial ru	st and bare metal.	
Significan	ce Mate	-ix	• •	-	State His	storical Themes:	· · · · · · · · · · · · · · · · · · ·
		Aesthetic	Social	Technology/ Research Potential	Category	_	Industrial Relic
	-				Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative						☐ 16 Industry	
Statement being asso nammer as tem exhibit	ociated v ssembla its a high	with their ge. The n degree	operation	n for over 40	years. Th	☐ 18 Technology ☐ 20 Government Adm of the Eveleigh Locomo e item is an integral p interpret from its exis	otive Workshop art of the stear
Statement peing assonammer as tem exhibit Conservat	t of Signociated vassemblates a high	nificance with their ge. The n degree icy:	: The ite operation item and of structu	em was an intention for over 40 distribution integrity.	years. The is easy to and be pre	☐ 18 Technology ☐ 20 Government Adm of the Eveleigh Locome e item is an integral p	otive Workshop art of the stear ting fabric. The hydraulic pres
Statement being asso nammer as tem exhibit Conservat The item is	t of Signociated vassemblates a high	nificance with their ge. The n degree icy:	: The ite operation item and of structu	em was an intention for over 40 distribution integrity.	years. The is easy to and be pre	18 Technology 20 Government Adm of the Eveleigh Locomo e item is an integral p interpret from its exis	otive Workshop art of the stear ting fabric. Th
Statement peing assonammer as tem exhibit Conservat The item is assemblage	t of Signociated vassemblates a high	nificance with their ge. The n degree icy:	: The ite operation item and of structuring its pre	em was an intention for over 40 distribution integrity.	years. The is easy to and be pre	18 Technology 20 Government Adm of the Eveleigh Locomo e item is an integral p interpret from its exis	otive Workshop art of the stear ting fabric. The hydraulic pres
Statement being asso hammer as item exhibit Conservat	t of Sigrection Poles to be le, furna	nificance with their ge. The n degree icy: retained ce collec	: The ite operation item and of structuring its pre	em was an intention for over 40 distribution integrity.	years. The is easy to and be pre	18 Technology 20 Government Adm of the Eveleigh Locomo e item is an integral p interpret from its exis	otive Workshop art of the stear ting fabric. The hydraulic pres
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Statement being assonammer as tem exhibit Conservat The item is assemblage operational	t of Signociated vessemblatis a high	nificance with their age. The n degree icy: retained ce collect	: The ite operation item and its pre	em was an intention for over 40 dits operation ural integrity.	years. The is easy to and be present to which	□ 18 Technology □ 20 Government Adm of the Eveleigh Locome e item is an integral p interpret from its exist esserved as part of the it belongs. The furn	otive Workshop art of the stear ting fabric. Th hydraulic pres ace is to remai
Statement peing assonammer as tem exhibit Conservat The item is assemblage operational Policy Imp	t of Signociated vessembla its a high tion Poles to be lee, furnal.	nificance with their ige. The idegree icy: retained ce collect ation:	: The ite operation item and its pre	em was an intention for over 40 dits operation ural integrity.	years. The is easy to and be present to which	□ 18 Technology □ 20 Government Adm of the Eveleigh Locome e item is an integral p interpret from its exist esserved as part of the it belongs. The furn	otive Workshop art of the stear ting fabric. The hydraulic pres ace is to remai

VELEIGH LOCOMOTIVE WORKSHOP				96
tem Name: 18" Hydraulic Ram Press	•		Item No.	49
Name Plate: P.T.C. NSW PF - 643 EVE S/O TA	ANGYE BROS BI	RMINGHAM		
PATENT WOODBURY TYPE PRESS			. <u> </u>	
Associated Items:	-			
Individual				, ;
Assemblage 🔲	144 450 454	400 404 407 400 404	242	e t
	, 144, 152-154	, 158, 184-187, 193, 194,	, 213.	
Collection 🗆		<u></u>		
Description: This small press of the Patent Woo				
1888. It exhibits all of the hallmarks of the extremely was used by the railways up until the late twentieth o				
which there are four shredded shafts extending vertice				
by massive nuts, one above and one below the head.	The head can be	raised or lowered to any heigh	nt and fastene	ed into
place by the dexterous use of a massive spanner. Item				
ntroduced through a simple lever. The platen then radies above and below the piece being worked.	aises and presse	s the item against the head.	t is possible	to use
History: The item was installed in the workshops i	n 1888. It is belie	ved that it has been located in	this position	since
hat time.		• .	3 d	
unction and Operation:	r. I	Location: Bay 1 South	10-11W	
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hoto: FILM No. 95-169-1-16	Photographed	and inspected Decemb	er 1995	-
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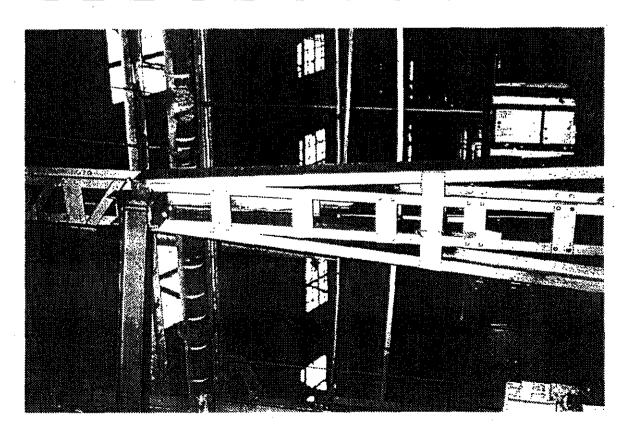
EVFI	FIGHI	OCOMO	TIVE W	ORKSH	OPS MAI	CHINEDA	CONSERV	ΙΔΤΙΩΝ
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1996-

Item Na	me: 18" l	-lydraulic l	Ram Pres	SS			Item No. 49
Conditi	on:					· · ·	
the item	is cleane	ed, service	ed and te	sted. In gen	eral, the it	ding power sources ar em appears to be inc nternal components is	omplete and not
				•			num.
Signific	ance Mat	· ·	Onelal	T	State His	torical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	X	×		×	Themes	☐ 13 Transport	
Repres-				-		☐ 15 Utilities	
entative	×			×		16 Industry	
						☐ 18 Technology☐ 20 Government Adm	Injetestion
						f the Eveleigh Locomo	
system. worksho The iten	The item ps. The in will yield	represer tem is im informatio	its forme pressive on on the	r manufacturi in size and fo nature of pa	ng technol orm and ex st work pra	item is an integral part ogies now rarely evid chibits a unity in its de actices. The item and igh degree of structura	lent in operating esign and detail.
3							
	ation Pol	•					
				nt location ar which it belon		erved as part of the	hydraulic press
				oeing cleane edules given		d and maintained ad	ccording to the
Policy In	nplement	ation:					
rust is to	be remov	ed or trea	ted. All e			g appropriate methods be treated with an app	
	are to be cted. Cons			ned, dried and	d treated w	ith rust inhibitor. They	may then be
Mainten	ance Sch	edule				· · · · · · · · · · · · · · · · · · ·	
•	all external ementation		for rust e	very 12 mont	hs. Where	e necessary, coat as r	ecommended in
						Any rust or oxidation prants	product must be
nterpre	tation:		 -			··· · · · · · · · · · · · · · · · · ·	
-	•	•					["

1996

Item Name: Jib Crane	Item No.	50
Name Plate: N/A	<u> </u>	<u> </u>
Associated Items: Individual Assemblage Sustant		
System ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	95.	
Description: This fairly modern jib crane has a king post which is made from any and is of a robust construction. The crane is believed to have been manufacture War II as sections of the crane are riveted and bolted together.		
History: Unknown.		
Function and Operation: The Jib Crane is used for moving hot material from the furnaces to the steam hammers. Location: Bay 1 South Countries of the steam hammers.	X	1 2 3 4 4 5 5 6 6 7 8 9 10 11 11 12 13 14 15
Photo: FILM No. 95-169-1-17 Photographed and inspected December	per 1995	



1996~

Repres 15 Utilities	Item Na	ı me: Jib	Crane	· · · · · · · · · · · · · · · · · · ·			·	Item No. 50
Significance Matrix Historical Aesthetic Social Technology/Research Potential Rare	Conditi	on:						
Historical Aesthetic Social Technology/ Research/ Research/ Potential Potential Petential Potential Rare	The iten	n is in god	od structura	ıl repair a	and has no ob	vious sign	s of rust.	
Representative	Signific			Social				
Representative					Potential			☐ Industrial Relic
Representative	Rare	. 🚨				Themes	-	
being associated with their operation for over 30 years. The item is an integral part of the forge assemblage. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to retained in its present location and be preserved as part of the forge assemblage and crane collection to which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	Repres- entative	<u>×</u>		۵	×		☐ 16 Industry☐ 18 Technology	Administration
The item is to retained in its present location and be preserved as part of the forge assemblage and crane collection to which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	assembl	age. Th	e item and	its ope	ration is easy	•	—	• •
Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	Conserv	/ation Po	licy:	· · ·			· · · · · · · · · · · · · · · · · · ·	
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.				-	ocation and b	e preserve	d as part of the for	ge assemblage and
rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	Policy Ir	nplemen	tation:					
inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	rust is to	be remo	ved or treat	ted. All e	external surfac	ces are to b	e treated with an a	
inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.							Mr.	•
inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.								•
inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	Mainten	ance Scl	nedule					
inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	Inspect f	or physic	al damage	and dete	rioration ever	y 12 month	ns and implement re	epair as necessary.
nterpretation:	-			for rust e	every 5 years.	Where ne	cessary, treat as re	ecommended in the
nterpretation:								
	Interpre	tation:	····	•			<u> </u>	·
				1				
			•					

1996

Item Name: E	Brett Type Impact Punch		Item No. 51
Namo Plato: I	NOWED 20 002 CO DW/ 4227	BRETTS PATENT TYPE AD SIZE No.8 CO	 VENTDV
PATENT No. 71		BREITS PATENT TIPE AD SIZE NO.0 CO	·VENTIXT
Associated Ite	ems:		
Individual	\square		
Assemblage			
System			
Collection			

Description: This massive shear and punch has an extraordinarily heavy cast-iron frame in two sections which is bolted together both top and bottom. It has a centrally located fly wheel which is direct coupled to the shearing or punching ram located on each end of the shaft. The item is almost two metres wide, in excess of three metres long and almost three metres high. It was originally powered from an overhead line shaft but a stand-alone electric motor of about 2-horsepower has been attached to a specially constructed platform on the head of the machine.

History: The history of the item is unknown but it is believed to have been installed in the workshop prior to World War t. It is not known if this was the items original location.

Function and Operation: The Brett Punch operated through inertia. The massive fly wheel which would weigh several ton is attached to a belt to a pulley driven by the electric motor through a gear box. Once the fly wheel reaches its running speed, the punches with their dies located directly below are automatically operated. Because of the slow speed of the machine items can be placed beneath the punch and moved as the punch is raised and lowered relatively slowly.

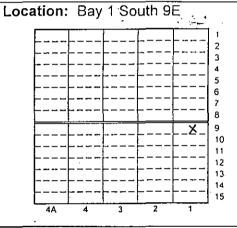
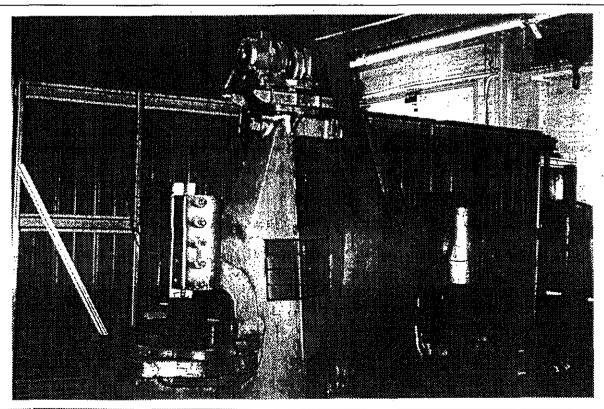


Photo: FILM No. 95-169-1-18 Photographed and inspected December 1995



1996

Item Name: Brett Type Impact Punch Size No.8	Item No. 51
Condition:	
In general, the item appears to be in operable condithe item is cleaned, serviced and tested.	lition providing power sources are connected and
The external surface of the item has patches of sup	perficial rust and bare metal.
Significance Matrix Historical Aesthetic Social Technology/ Research	State Historical Themes: Category
Rare	Themes
	20 Government Administration
Statement of Significance The item was an integral part of the Eveleigh Loc operation for over 90 years. The item is a large, reconstruction and which had general engineering a nature of past work practices. The item and its open The item exhibits a high degree of structural integrit	rare, industrial piece exhibiting massive cast-iron pplication. The item will yield information on the eration is easy to interpret from its existing fabric.
Conservation Policy: The item is to retained in its present location and The item is to be reconnected to its power sour preserved by being cleaned, serviced and mai maintenance schedules given below.	rce and made operational. The item is to be
Policy Implementation:	
All external surfaces are to be cleaned and degrees rust is to be removed or treated. All external surface such as Shell ENSIS fluid or polycrystalline wax. All finish should be suitably polished and coated with a or a polycrystalline wax. All moving parts of electric dust. Conserve in situ.	es are to be treated with an appropriate sealant Il operating surfaces exhibiting a normally bright n appropriate sealant such as Shell ENSIS fluid
Maintenance Schedule:	· · · · · · · · · · · · · · · · · · ·
Inspect all external surfaces for rust every 12 mont the implementation section. Every 5 years internal or oxidation product must be treated suitably by be sealant. Inspect for physical damage and deterior necessary. All operating surfaces exhibiting a norm coated with an appropriate sealant such as Shell El	surfaces should be inspected for rust. Any rust being removed and coated with an inhibitor and ation every 12 months and implement repair as hally bright finish should be suitably polished and
Interpretation:	
	·

1996

Item Name: Hydraulic Press Item I						
Name Plate:	RWY No	. 817				
Associated Ite	ems:					
Individual						
Assemblage	Ø	52, 53, 68C				
System	\square	Hydraulic 49, 52, 144, 152-154, 158, 184-187, 193, 194, 21	3.			
Collection						

Description: This item is similar in design to the Tangye Hydraulic Press, Item No. 49. It consists of a massive castiron platform which supports four vertical shafts in excess of two metres long. The shafts are partially threaded which allows the massive cast-iron head to be raised or lowered. A series of dies can be fitted to the head through T-slots. The bed can also take a number of dies again through T-slots. This machine has specially cut threads which allow the head to be raised and lowered and the bolts on these heads are round rather than being faceted and are raised or lowered by means of a tommy bar rather than a spanner. The machine shows considerable refinement over the Tangye Press although its operating principle is precisely the same.

History: The machine was installed in this location in 1949. It is not known when it was manufactured or if this was the first location in which it was erected.

Function and Operation: The operation is extremely simple. Fluid under hydraulic pressure is allowed into the base of the ram and the bed is forced towards the head of the machine, compressing hot metal either between platons or in a die.

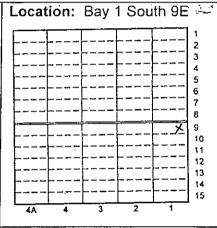
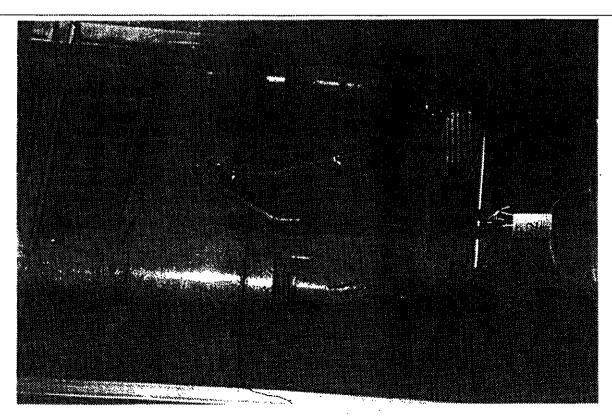


Photo: FILM No. 95-169-1-19

Photographed and inspected December 1995



1996-

	· · · · · ·						
item Na	me: Furr	nace FR 13	3				Item No. 53
connect	ed and th heavy rus	e item is c	leaned, s	serviced and to	ested. The	condition providing po e item will need some i irce is unknown and ha	epair. The item
		·			·		
Signific	ance Mat				State His	storical Themes:	
·.	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare			. 🗖		Themes	☐ 13 Transport	
•				i		15 Utilities	
Repres- entative	区			×		16 Industry	
entative	ie:	_	J		· •	☐ 18 Technology	· · · · ·
	•					20 Government Admi	nistration
Stateme	ent of Sig	nificance				· · · · · · · · · · · · · · · · · · ·	
		• .		•		Vorkshops being asso e hydraulic press asser	The second secon
Conserv	ation Po	licy:	· ·				
			•	ocation and b		ed and retained as part elongs.	of the hydraulic
		•	-	being cleane edules given l		d and maintained ac	cording to the
Policy Ir	nplemen	tation:					
rust is to	be remo	ved or trea	ited. All	-		g appropriate methods be treated with an app	•
		disconnections		ned, dried and	d treated w	vith rust inhibitor. They	may then be
						र्यर्थः -	
Mainter	ones Cali				·,		
wainten	ance Sch	reaule			•		
-	all externa		for rust e	very 5 years.	Where ne	ecessary, treat as recor	nmended in the
				•		-	
Interpret	tation:		÷.				
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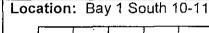
1996

Item Name:	em Name: 40CWT Arch Steam Hammer								
Name Plate:	NSW GF	R No. 664 Class HS 4867 (on machine)							
Associated It	tems:	·							
Individual									
Assemblage	\square	Steam Hammer 40 CWT 47, 53, 54, 56, 66BCD, 70, 53							
System	\square	Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191							
Collection	\square	Steam Hammer 28, 29, 31, 32, 54, 57							

Description: This massive, arch framed steam hammer is one of the oldest pieces in the workshop. It is over 3 metres long, a metre wide and stands in excess of 4 metres high. The massive frame supports the steam chest and the weighs or slides for the hammer itself. The hammer is double-acting and it is used predominantly for forging using only flat dies and anvils. The machine could only be used by specialists/blacksmiths/forgers.

History: The Arch Hammer was installed in 1887 as part of the original steam hammer shop. It has remained in this location ever since. It is shown in some of the earliest interior photographs of the workshops. The steam hammer was the largest ever to be erected at Eveleigh and was continuously used for 100 years. It is believed that almost all of the hammer remains, as originally installed, although some oiling mechanisms and some modification may have taken place to the steam chest.

Function and Operation: The steam hammer was operated by a foreman striker, or blacksmith through the use of a single lever. The lever determined the length of the blow and hence the weight and also the frequency of the blow. The operation lever is attached directly to linkages at the steam chest. Material which was being forged was held in large balanced tongs similar to the tongs used for the Davey Press. These tongs were placed through a chain loop attached to a carriage on the Jib Crane.



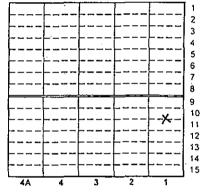
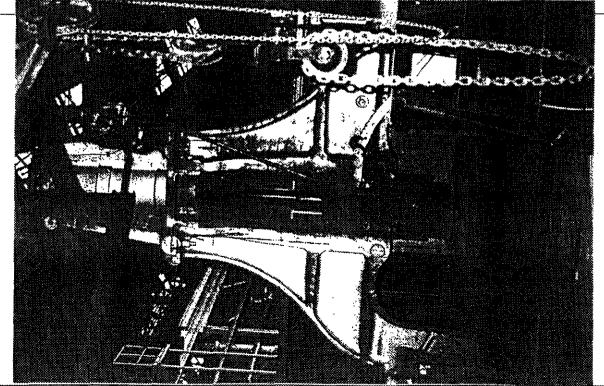


Photo: FILM No. 95-169-1-21 Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

					207.5					
Item Na HS 664		CWT Arch	Steam Ha	ammer No. 48	oo≀ Date c	of Man.1887, RWT No. Item No. 54				
Condit	ion:									
the item	n is cleane	ed, service	d and test	ed.	•	iding power sources are connected and st and bare metal.				
					- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Signific	cance Ma Historical	trix Aesthetic	Social	Technology/ Research Potential	Category	istorical Themes:				
Rare	X	×		×	Themes	☐ 13 Transport				
Repres-						15 Utilities				
entative	×			×		16 Industry				
entative	<u> </u>	_				☐ 18 Technology ☐ 20 Government Administration				
which he now rare unity in understand work prexhibits Conser the arch	ad general ely evider its designanding of actices. a high de vation Pour hammer mis to	al engineer at in opera an and deta early engi The item a gree of str blicy: The assembla be preser	ring applicating works ail. The intering pand its opportunation intering its toge, steam in the item is i	ation. The ite shops. The ite tem has reserractice. The eration is easiegrity. o retained in hammer collection.	em represe em is implearch and item will y by to interpreter its present ection, and d, service	ents former manufacturing technologies ressive in size and form and exhibits a education potential for developing an yield information on the nature of past pret from its existing fabric. The item to tocation and be preserved as part of a steam system to which it belongs.				
Policy bearings prevent superfic appropr disconn- operatin	Implements and gla rust. All edial rust is ial rust is iate sealad ected, cle ig surface	ntation: nds repace external su s to be re ant such aned, drie s exhibiting	The macked, all interpretation of the macked or and treating a normal macked with the macked and treating a normal macked and treati	hine is to be nternal bare in to be cleane r treated. A ENSIS fluid ated with rust	e stripped, metal surf d and deg ll external or polycr i inhibitor. h should b	, all cylinders cleaned and dried, all aces are to be dried and greased to reased using appropriate methods. All I surfaces are to be treated with an rystalline wax. All pipes are to be They may then be reconnected. All be suitably polished and coated with an Iline wax. Conserve in situ.				
coat as inspecte coated v	recomme ed for rust with an int	ended in the condition of the condition and	ne implem et or oxida sealant.	entation sect	ion. Ever must be tr	st every 12 months. Where necessary, y 5 years internal surfaces should be reated suitably by being removed and				
				mally bright fi ENSIS fluid or		ld be suitably polished and coated with stalline wax.				
Interpre	etation:									

1996

Item Name:
10CWT Jib Crane

Name Plate:
LC497 Class 3 S.W.L. 10 CWT

Associated Items:

Individual
□

Assemblage
☑

System
□

Collection
☑

Jib Cranes 30, 45, 46, 50, 55, 58, 76, 77, 80, 84, 183, 195

Description:
This very early jib crane has a cast-iron kinggoet and a wrought iron or mild steel jib

Description: This very early jib crane has a cast-iron kingpost and a wrought iron or mild steel jib. It is stayed front and rear, the rear being stayed to a point close to the bottom of the king post. This crane relies for its stability on its footing. The jib crane is a superb example of late nineteenth century design.

History: The crane was located in this position prior to World War 1. It could be one of the earlier machines erected at the Workshops.

Function and Operation: The slewing is done manually by dragging the jib. The carriage is also moved forwards and backwards manually while the lifting is done through a crank attached to the cast iron hoisting drum at the base of the King Post.

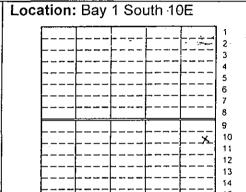
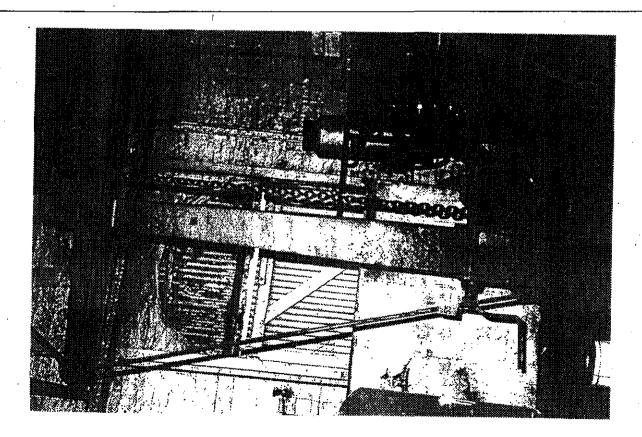


Photo: FILM No. 95-169-1-23 Photographed and inspected December 1995



1996 --

Item Na	me: 10 (CWT Jib Cra	ane			·		Item No. 55
Condition	on:							
The item	ı is in god	od structural	repair a	and has no ob	vious signs	s of rust.	•	
	ance Mat		Social	Technology/	State His	torical Theme	s:	
1	riistoricai	×estuenc.	Social	Research Potential	Category	☐ Moveable Ite	em 🚨	Tindustrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	t '	,
Repres-	_	_		_		16 Industry		
entative	×	L.I	Ц	X		18 Technolo		
Statama	nt of Cia	mificance	The ite	m waa an inta	aràl port s	20 Governm		
	_				-			otive Workshops part of the forge
assembl	age. Th	e item and	its ope	ration is easy	•			bric. The item
exnibits a	a nign de	gree of stru	cturai iņ	tegrity.				
			·*					
Conserv	ation Po	licy:						
			•	ent location and The item shou	•		forge a	ssemblage and
Policy In	npiemen	tation:						
_	-						411.	A.II
				-				. All superficial ropriate sealant
				talline wax. C			• •	·
	•			. •		•		
Maintena	ance Sch	edule	<u> </u>					
	i	_	and dete	rioration every	/ 12 month	s and impleme	nt repai	r as necessary.
Inspect a	ll externa	ıl surfaces fo	or rust e	everv 5 vears.	Where ne	cessarv, treat a	s recor	nmended in the
implemer						•		
						•		
Interpret	ation:							
								_
	•	,						
		•						
•						•		

1996

Item Name:	Oil Furnace	Large	Item No.	56
Name Plate:	PTC NSW	FR 159 EVE S/O		<u></u>
Associated It	tems:			
Individual				
Assemblage		Steam Hammer 40 CWT 47, 53, 54, 56, 66BCD, 70, 53		
System				
Collection	\square	Furnaces 47, 48, 53, 56, 59, 79, 86, 95, 97, 99, 106, 159, 161, 198	110, 111,	129,

Description: There are two large oil furnaces in Bay 1 South. Both were for heating large billets which were to be worked under the 4000 weight Steam Hammer or the 2000 weight Steam Hammer. The furnaces are in excess of 2 metres wide, 3 metres long and stand about 2 metres high. Each is fitted with a heavy steel framed, fire-brick lined door which is counter-weighted by a chain to the rear. The door is lifted by a chain driven wheel. Initially it is believed that these furnaces were fired by gas and they were later converted to oil fire. The furnaces are braced with universal section members and in-fill cast-iron and sheet steel sheathing. The interior is lined with fire brick. Air for the furnaces, because of the quantity required is supplied from air compressors.

History: The history of the item is unknown but it is believed that it was installed in this position prior to World War II. However, as with many furnaces, this one may have been re-built on a number of occasions.

Function and Operation: This furnace originally supplied indirect or reflected heat through a reverberatory style roof. The oil is supplied from an elevated external reservoir. The air is now supplied from a specially introduced air compressor.

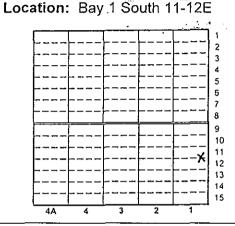
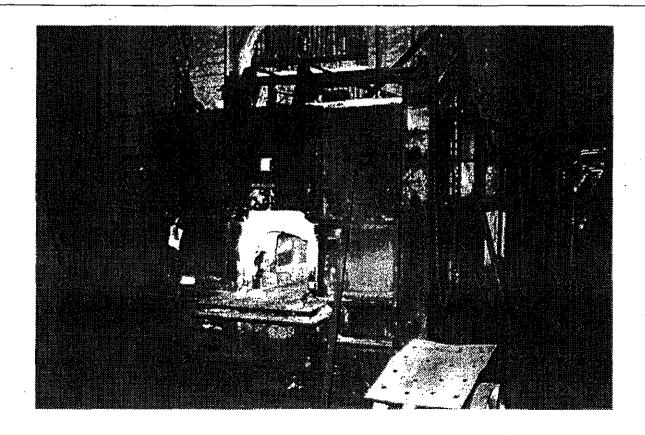


Photo: FILM No. 95-169-1-23

Photographed and inspected December 1995



1996

Condition:	
In general, the item appears to be in operable condition providing power source the item is cleaned, serviced and tested.	s are connected and
The external surface of the item has patches of superficial rust and bare metal.	****
Significance Matrix State Historical Themes:	
Historical Aesthetic Social Technology/ Research Category 🗖 Moveable Item Potential	☐ Industrial Relic
Rare	•
Repres- entative 🗵 🔲 🗓 16 Industry	
☐ 20 Government	Administration .
Statement of Significance: The item was an integral part of the Eveleigh Loc being associated with their operation for over 40 years. The item is an integr nammer assemblage. The item and its operation is easy to interpret from its tem exhibits a high degree of structural integrity.	al part of the steam
Conservation Policy:	
The item is to be retained in its present location and be preserved as part of assemblage, furnace collection and hydraulic system to which it belongs. The operational.	
·	
Policy Implementation:	· · · · · · · · · · · · · · · · · · ·
The furnace is to remain operational and therefore cannot have its surface tr	eated. Conserve in
The furnace is to remain operational and therefore cannot have its surface tr	eated. Conserve in
The furnace is to remain operational and therefore cannot have its surface tr	eated. Conserve in
The furnace is to remain operational and therefore cannot have its surface tr	eated. Conserve in
The furnace is to remain operational and therefore cannot have its surface traitu.	eated. Conserve in
The furnace is to remain operational and therefore cannot have its surface traitu.	
The furnace is to remain operational and therefore cannot have its surface traitu. Maintenance Schedule	
The furnace is to remain operational and therefore cannot have its surface traitu. Maintenance Schedule	
The furnace is to remain operational and therefore cannot have its surface trasitu. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement i	
The furnace is to remain operational and therefore cannot have its surface trasitu. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement its surface.	
Policy Implementation: The furnace is to remain operational and therefore cannot have its surface trasitu. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement interpretation:	
The furnace is to remain operational and therefore cannot have its surface trasitu. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement i	· · ·
The furnace is to remain operational and therefore cannot have its surface trasitu. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement i	

1996

				01111111111	0011					. •	•
Item Name: 20	CWT Steam I	lammer			· · ·	•			Ite	em No	57
-											
Name Plate: N	ISWGR 665 C	lass HS	Davis & P	rimrose. Le	eith. 2	20 CW	THA	MME	:R		
Associated Ite	ms:										
Individual											
Assemblage	<u> </u>	Steam	Hammer 2	20 CWT 46	47.	57. 66	E. 71	1 _			
System	M			9, 31, 32, 5		•	-				
Collection	⊠ .			28, 29, 31,							
Operational Gro				Shop. All it		•	2N e	xcept	38		
Description: T	<u> </u>	nmer is th	e second	largest to e	xist in	the w	orks	hons	If co	onsist	s of a
heavy cast-iron				_				-			
shaft is guided											am is
admitted on bot				•	,					- • • •	
	•										
History: The it	em was introd	uced to th	e worksho	ps in the 1	890s,	it is b	eliev	ed, in	this	positio	on. It
has remained he	ere since that t	time and v	vas in cont	inuous ope	ration	for all	nost	100 y	ears.		i
									·		<u> </u>
Function and C	-			•		cation	: Ba	y 1 S	outh '	12-13	
by a blacksmith					1			F			1 2
held in balanced		-				<u> </u>		<u></u>	L		3
The length, a		~ .									5
determined by the		_					 -				6 7
pushed and the manipulation of	•			•				-		-	8
number of dyes,								'			9 10
dovetail mount		•			١.						11
dies, fullers or s			• •		ł	F				-*-	12
It should be note	_		- '			<u> </u>				[[14
supported by tw						L	4	<u> </u>	2	<u> </u>	15
	ILM No. 95-1			graphed a	nd in	enecte	d Da	cem	her 1	995	
1 11010.	1Em 140. 90-1		1 11010	grapnica a	iid iiis	poole	,u D(,50111	JUI 1		

Photo to comes

1996 -

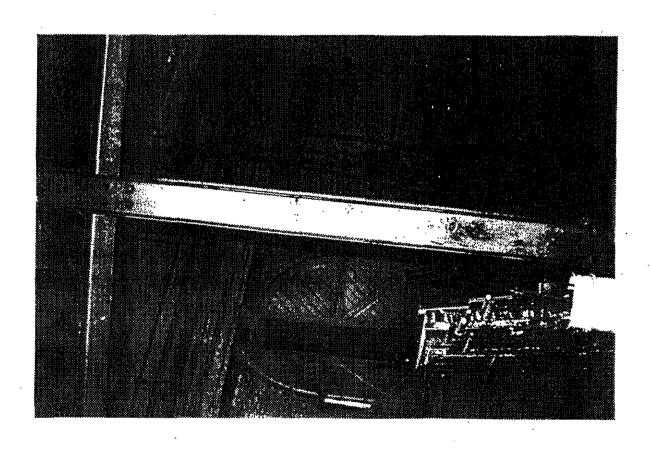
Item Na	me: 20 C\	WT Stean	n Hamme	er	<u> </u>		Item No. 57
Condition	on:				<u>.</u>		
the item		, serviced				ding power sources ar e of the item has patc	
Signific	ance Matr	ix			State His	storical Themes:	*
-	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	I industrial Relic
Rare	×	×		×	Themes	☐ 13 Transport	·
Repres-						☐ 15 Utilities ☐ 16 Industry	
entative	×			x		18 Technology	
						☐ 20 Government Adm	inistration
Stateme	nt of Sign	ificance		<u> </u>	<u> </u>	···	Windson Co.
operation large, ratengineers in operatengine deta and deta engineer	n for over the form over the following applicating workshill. The iter ing practic	90 years. rial piece ation. The nops. Th m has res e. The it	The iter e exhibit e item rep e item is eearch ar tem and	m is an integring massive presents form impressive in deducation preserved.	ral part of t cast-iron er manufa n size and potential fo	Vorkshops being assorbe large steam system construction and whicturing technologies not form and exhibits a under interpret from its existing an under the construction of the constructio	n. The item is a ch had general ow rarely evident nity in its design standing of early
Conserv	ation Poli	cy:	· · · -				
						served as part of the team system to which	
Policy Ir	nplementa	ation					
The mace internal to be cle treated. fluid or p inhibitor. should b	hine is to be pare metal paned and All extern polycrystalli They may	be strippe surfaces degrease al surface ine wax. If then be polished a	are to be d using es are to All pipes reconne	e dried and g appropriate n be treated w are to be di cted. All ope ed with an ap	reased to pathods. An apposite an apposite an apposite an apposite an apposite and an apposite and an apposite analysis and apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite an apposite analysis and apposite analysis analysis and apposite analysis and apposite analysis and apposite analysis analysis analysis and apposite analysis and apposite analysis and apposite analysis and apposite analysis analysis and apposite analysis analysis analysis analysis analysis analysis analysis analysis analy	I, all bearings and glar prevent rust. All exter All superficial rust is to propriate sealant such d, cleaned, dried and aces exhibiting a norm sealant such as Shell	nal surfaces are be removed or as Shell ENSIS treated with rust nally bright finish
Mainten	ance Sche	dule					·····
the imple	ementation	section.	Every 5	years interna	l surfaces	e necessary, coat as r should be inspected fo oved and coated with	or-rust. Any rust
Interpret	tation:	-					
			-				
			•				

1996

Item Name: 7 CWT Crane (Braced off Column)	Item No. 58
Name Plate: L.C500 S.W.L. 7 CWT. CLASS 3	
Associated Items:	
Individual	
Assemblage Electropneumatic 7CWT 44, 45, 5	8-60, 62AB, 66F, 66A
'System □	
Collection	76, 77, 80, 84, 183, 195
Description: This small crane consists of a kingpost ma	ade of C-Section steel and a Jib of
universal section. The jib is faced both front and back and the	kingpost is faced from the walls.
History: The history of the item is unknown but it is believed	to have been erected in the workshop
after World War II.	
Function and Operation: The Jib Crane was operated L	ocation: Bay 1 South 14E
manually and was used for taking heated items from the	1
furnaces to the 2000 weight steam hammer or the electro-	2
pneumatic.	
	5
	7

Photo: FILM No. 95-169-1-25

Photographed and inspected December 1995

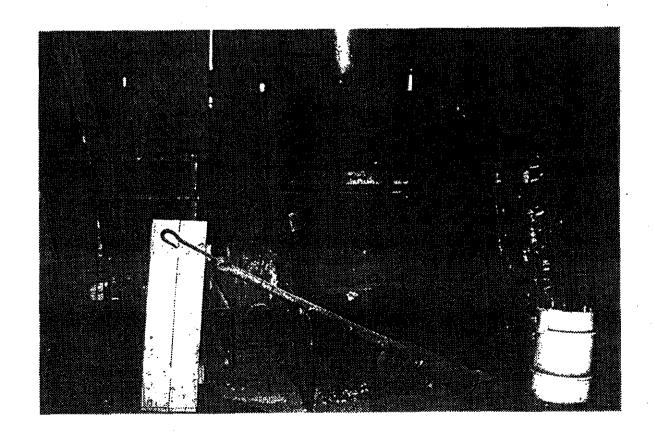


1996---

Item Na	me: 7 C	WT Crane	Braced	Off Column)			Item No. 5	8
Conditio	on:	<u> </u>				· · · · · · · · · · · · · · · · · · ·		
The item	is in god	od structura	l repair	and has no ob	vious sign	s of rust.		
Significa	ance Ma	friy			State His	storical Themes:		
		Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Reli	c
Rare					Themes	☐ 13 Transport		
Repres-						15 Utilities		
entative	×		П	×		¹☐ 16 Industry		
illagre	<u></u>	Vapa	_			18 Technology		
			•			20 Government	Administration	
onserv	ation Po	olicy:						
		-	oresent	location and h	e preserve	ed as part of the fo	rge assemblage a	anı
		which it be		ioodiion and a	O p. 000. 10	a do part or the lo	.go accombiago c	
Policy In	nplemen	tation:						
ust is to	be remo	ved or treat	ted. All		ces are to	g appropriate metl be treated with an situ.	-	
						· in	•	
					•	Ţ.		
lainten	ance Sch	nedule				, gan		
nspect fo	or physic	al damage	and dete	erioration ever	y 12 month	ns and implement i	repair as necessa	ıry
•	ll externa		for rust e	every 5 years.	Where ne	ecessary, treat as i	recommended in	th
				-				
nterpret	ation:				· · ·	·		· .
piGl	~~VIII				•		-	
		•						
		•		•		•		

EVELEIGH ((COMO	TIVE WORKSHOPS MA	CHINER	CY CC	JNSE	RVA	HON		1	99	6
Item Name: E	Blacksmit	hs Forge						[1	tem No). <u>{</u>	59
Name Plate:	FB9										
Associated It	ems:										
Individual											
Assemblage	Ø	Electropneumatic 7CW	T 44, 45	5, 58-6	60, 62 <i>i</i>	4B, 6	6F, 66	Α			
System											
Collection	Ø	Furnaces 47, 48, 53, 159, 161, 198	56, 59,	79, 8	6, 95,	97, 9	99, 10	6, 1	10, 11 [.]	1, 1	129,
advanced dete	erioration.	ge is similar to item Numb The forge, like item 49, way cowling and its water o	has a sh	neet n	netal a	ind p	late c	owlin		_	
History: The	history of	the item is unknown.									
Function and	•		-	Loc	ation:	Bay	1 Sou	ith 1	4E		
•		s indicate the number o	f forges	·						1	
which were in	use in this	s part of the workshop.			F					2 3	
							- -			4	• • •
					F				[]	5 6	
,)	F===		<u> </u>		<u> </u>	7	
				}						8 9	
			,				┝╼╾╌╽			10	
							FI		⊢	11 12	
									⊢ – – – l	13	
		•			F:	-	[⊢ – – – 1	14 15	
					4A	4	3.	2	1	13	

Photo: FILM No. 95-169-1-26 Photographed and inspected December 1995



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item Name: Forge Item No. 59 Condition: The item is in good structural repair and has no obvious signs of rust. Significance Matrix State Historical Themes: Historical Aesthetic Social Technology/ ☐ Moveable Item ☐ Industrial Relic Research Category Potential ☐ 13 Transport **Themes** Rare ☐ 15 Utilities Repres-☐ 16 Industry entative \boxtimes X ☐ 18 Technology 20 Government Administration Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 30 years. The item is an integral part of the forge assemblage. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to retained in its present location and be preserved as part of the forge assemblage and crane collection to which it belongs. Policy Implementation: A heavily rusted surface should be cleaned with abrasive blasting using a limestone or similar abrasive or steel brushing. Remnant rust should be treated with an inhibitor and finally coated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.

GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

Interpretation:

1996

 Item Name: 700 Weight CWT Electro-Pneumatic Hammer
 Item No. 60

 Name Plate: PTC NSW HH1 EVE S/O - B & S MASSEY LTD. MANCHESTER. ENGLAND. 7 CWT PNEUMATIC HAMMER.

 Associated Items: Individual

 Individual
 □

 Assemblage
 ☑

 Electropneumatic 7CWT 44, 45, 58-60, 62AB, 66F, 66A

 System
 □

 Collection
 ☑

 Place with 135

Description: This Electro-Pneumatic Hammer operates on the same principle as a steam engine. The power pack for the hammer though is an air compressor which is an integral part of the hammer. A stand-alone electric motor powers the single piston air compressor which then supplies the head of the hammer with compressed air. Basically it stands in excess of 2 metres high, is about 2.5 metres long and about 1 metre wide at the base. It has the typical C-shaped heavy castiron construction of steam for electro-pneumatic hammers.

History: The history of the item is unknown but it was installed in this location of the workshops prior to World War II.

Function and Operation: The hammer was used for a wide section of general purpose forging. The head will take a series of flatters, fullers and swages as will the anvil. The operating lever determines both the repetity of the stroke and the weight of each blow. The material being forged is held by tongs which are supported by a chain loop attached to the Jib Crane.

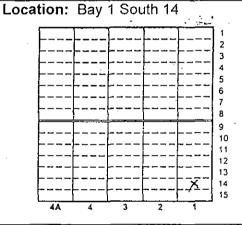
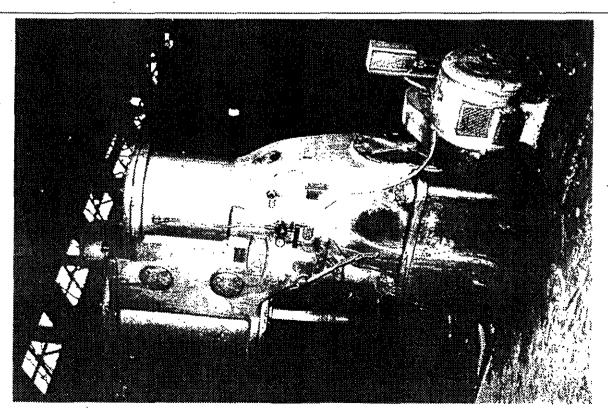


Photo: FILM No. 95-169-1-27 Photographed and inspected December 1995



1996

		S Massey	7 CWT	Electro-Pneun	natic Hamn	ner 	Item No. 60			
Conditi	on:									
he iten	n is in god	od/excellen	t operati	ng condition.						
Signific	ance Ma	trix			State His	storical Themes:				
	Historical Aesthetic Social Technology/ Research Potential				Category Moveable Item Industrial F					
Rare	.				Themes	☐ 13 Transport☐ 15 Utilities				
Repres- entative						☐ 16 Industry ☐ 18 Technology ☐ 20 Government Adm	inistration			
stateme	ent of Sig	nificance		•			* :			
		integral pa 50 years.	art of the	e Eveleigh Lo	comotive V	Vorkshops being asso	ciated with their			
he item	n is an inte	egral part c	of the ele	ctro-pneumati	c assembla	age.				
he item	n and its c	peration is	easv to	interpret from	its existing	ı fabric.				
			-	uctural integri	•					
				J	•					
onserv	ation Po	licy:		ž.						
he item	ı is to rem	iain operati	ional. Co	onserve in situ	•	•				
_ i:		4 4.			· .					
_	nplemen				•					
he item	is to rem	ain operati	onal. Co	onserve in situ		·				
					•	•				
• 4										
ainten	ance Sch	ieaule								
		al damage	and dete	erioration ever	y 12 mont	hs and implement mai	ntenance repair			
s neces	ssary.		,							
		-								
terpre	tation:									
rei hie	tation.									
				• •						

1996

Item Name:	Rootes No	. 6 Blower 19	910 Patter	n				Iter	m No.	61
Name Plate:	No.752 NSV	VGR Class BR	THWAITE	S BROS LTD	BRADI	FORD Y	ORKS. R	DOTES BL	OWER	No.6
Associated I	tems:							 .		 .
Individual	Ü									
Assemblage										
System										
Collection		Blowers	41, 42, 61							
Description:	The Root	es Blower is	a single pi	ston steam	engine	with tw	rin shafts	operating	g a co	unter-

Description: The Rootes Blower is a single piston steam engine with twin shafts operating a counter-rotating vane air pump. The Blower supplies high volume low pressure air to the Blacksmiths Forges. The power pack is a simple vertical steam cylinder with a single shaft which is connected to a cross-head which has twin crank shafts. Each of the crank shafts is fitted to a driving wheel, direct coupled to a vane shaft.

History: The Rootes Blower was installed in 1911 to supply low pressure air to the Blacksmiths Forges. It is believed it was located in this position and has remained here since installation.

Function and Operation: The blowers supply air at low pressure compared to the air compressors which supply high pressure air. High pressure air is unsuitable for forgers as the amount of air going through is disruptive. When operating, the blower was turned on by opening the steam valve. The air was supplied to the furnaces or directed to exhaust.

Location: Bay 1 South 15E

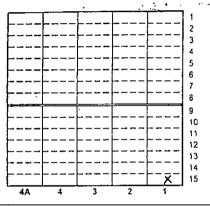
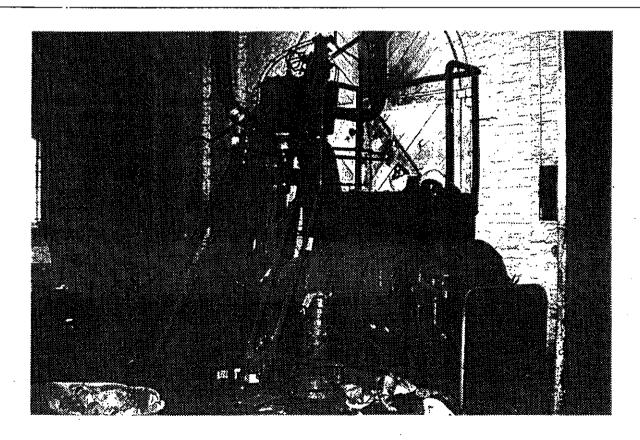


Photo:

FILM No. 95-169-1-28

Photographed and inspected December 1995



1996-

Item Name: Rootes No. 6 Blower 1910 Pattern	Item No. 61
the item is cleaned, serviced and tested. The exte	dition providing power sources are connected and ernal surface of the item has patches of superficial er source is unknown and the power source has
Significance Metuiv	State Historical Themes:
Significance Matrix Historical Aesthetic Social Technology/ Research	Category Moveable Item Industrial Relic
Potential Rare 区 区 区	Themes 13 Transport
	☐ 15 Utilities
Repres-	☐ 16 Industry
entative 🗵 🔲 🗵	☐ 18 Technology
	20 Government Administration
Statement of Significance	
operation for over 75 years. The item is an integral former manufacturing technologies now rarely impressive in size and form and exhibits a unity in education potential for developing an understanding the blower collection and steam system to which cleaned, serviced and maintained according to the steam of the stea	evident in operating workshops. The item is its design and detail. The item has research and g of early engineering practice. I in its present location and preserved as part of it belongs. The item is to be preserved by being
given below.	
Policy Implementation:	•
The machine is to be stripped, all cylinders cleaned internal bare metal surfaces are to be dried and g to be cleaned and degreased using appropriate n treated. All external surfaces are to be treated w fluid or polycrystalline wax. All pipes are to be di	reased to prevent rust. All external surfaces are nethods. All superficial rust is to be removed or rith an appropriate sealant such as Shell ENSIS
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an ap polycrystalline wax. Conserve in situ.	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an ap-	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ.	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ.	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ.	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ.	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ. Maintenance Schedule	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ.	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ. Maintenance Schedule	rating surfaces exhibiting a normally bright finish
inhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax. Conserve in situ. Maintenance Schedule	rating surfaces exhibiting a normally bright finish

1996

ool Racl	ks Between the Columns. Item No.62a-
N/A	1
ems:	
	\cdot
\square	Electropneumatic 7CWT 44, 45, 58-60, 62AB, 66F, 66A
	Electropneumatic 2CWT (south) 62A, 98, 99
\square	Hand tools/ Racks 34A-L, 36A-D, 62A-E, 66A-H, 71, 100A-D, 102A-D
	N/A ems: □

Description: There are three rails which have intermediate support and run between the single columns between Bays 1 and 2 South. The top rail has a series of hooks or brackets on it which holds the swage sets or the spring swages and also any item which has had an eye formed in the end of the handle. The middle rail holds generally sets of tongs and hammers and steel handled hot sets. There are over 300 tools on these racks which all illustrate the way in which the workshop is operated.

History: The history of the items is unknown but some pieces appear to be of a great age.

the various steam and electro-pneumatic hammers as well as hand forging operations.

Location: Bay 1 South 10-14W

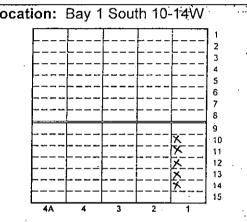
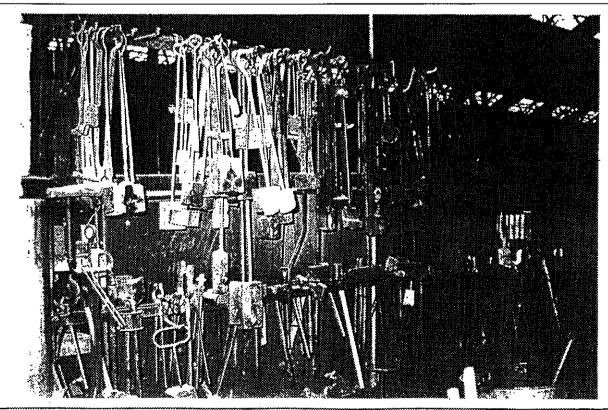


Photo:

FILM No. 95-169-1-29

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996-

Item Na	me: Too	ol Racks Be	tween C	olumns			Item No.62a-e
Conditi	on:						
The iten	n is in ao	od/excelleni	t operati	ng condition.			
	-			- ·			
the exte	ernal surf	ace of the i	tem has	patches of su	perficial rus	st and bare metal.	:
Signific	ance Ma	trix Aesthetic	Social	Technology/	State His	storical Themes:	
	mstorical	Aestrieuc	Social	Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare					Themes	13 Transport	ļ
Repres-					•	☐ 15 Utilities ☐ 16 Industry	
entative		. 🗖				☐ 18 Technology	[
						☐ 20 Government A	dministration
being as hammer evident	ssociated and oliving one in opera	with their over systems	operation . The inhops.	n for over 20 y tem represent The item evic	years. The s former n dences the	e item is an integra nanufacturing techr e versatility of the	omotive-Workshops I part of the steam cologies now rarely workshops in the ret from its existing
Conser	vation Po	olicy:					_
The iter	n is to re	etained in i	ts prese	ent location ar	nd be pres	served as part of t	he steam hammer
assembl	age, and	hand tool o	collection	ıs.			
Policy I	mplemer	ntation:					
external is to be	surfaces removed	are to be of or treated	cleaned with a r	and degrease ust converter.	d using ap All exterr		
Mainten	ance Sc	hedule					
		al surfaces on section.	for rust	every 12 mon	ths. Where	e necessary, coat a	s recommended in.
						• .	· · -
	4-4:	·		· 			· · ·
nterpre	tation:						
						-	- .
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item No. 63 Item Name: Tool Rack - Belongs to Guido Gouvernor Name Plate: Associated Items: Individua! Assemblage System Collection Description: No Description Required. History: **Function and Operation:** Location: (0 = original X = relocated) 10 12 13 14 15 Photographed and inspected December 1995 Photo: FILM No.

Photo to come

1996---

Item N	ame: NO	ITEM -GU	IDO	··· · · ·	•	• · · · · · · · · · · · · · · · · · · ·	Item No. 63
Condit	ion:						<u>I</u>
			·				
						:	
Signifi	cance Ma Historical	trix Aesthetic	Social	Technology/		storical Themes:	
				Research Potential	Category	Moveable Item	☐ Industrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative			П			☐ 16 Industry	
entative						☐ 18 Technology ☐ 20 Government #	Administration
Statem	ent of Sig	nificance			<u> </u>	-	The same of the sa
		, , , , , , , , , , , , , , , , , , ,					
-						•	
. •	•						
Conse	vation Po	licy:	•				:
	•						
Policy	Implemen	tation:					,
						ş.	
	•					<u> </u>	
Mainto	nance Sch	adula .	•				
manne	nance Sci	iedule		•			
		· .				·	-
		4					
	·			•			
Interpre	etation:	•					<u> </u>
•			• .				
		-					

1996

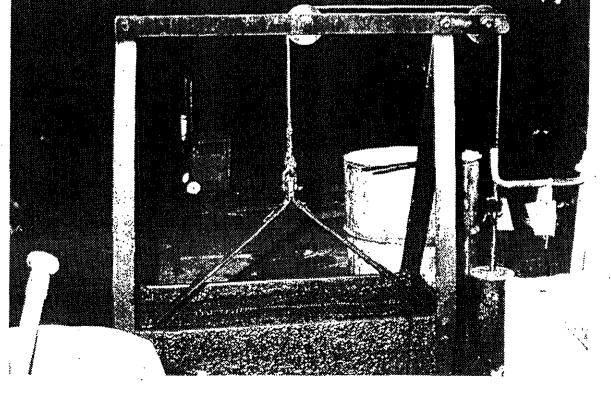
Item Name: Anvil	Item No.	64
Name Plate: N/A		
Associated Items: Individual		
Description: This heavy blacksmiths anvil is located on a wooden block set into a	fixed cas	t-iror
stand.	•	
History: The history is unknown.		
Function and Operation: The anvil served as a Location: Bay 4 South blacksmiths anvil for performing small generally non-repetitive jobs.	14-15W	* * .
	5 6 7 8 9 10	
4A 4 3 2	12 13 14 15	
Photo: FILM No. 95-169-1-31 Photographed and inspected December	er 1995	

GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996---

Item Na	ıme: Anv	/il						Item I	No. 64
Conditi	on:		<u></u>		· · · · · · · · · · · · · · · · · · ·				
The iten	n is in god	od/exceller	nt operati	ng condition.					
Signific	ance Ma	trix	•		State His	storical The	emes:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	Moveabl	e item	☐ Industri	al Relic
Rare					Themes	☐ 13 Trans	-		
Repres-	150			Iज		16 Indus			
entative	×		ч			18 Techt		dministratio	n
peing as nterpret	ssociated from its	with their	operation operation	em was an into on for over 90 e item exhibits age.) years.	The item ar	nd its op	eration is	easy to
_! 9			400011101	-9 0.				•	
		,							
Conserv	vation Po	olicy:							
The item	is to ren	nain operat	tional.						
						. •			
Policy In	mplemen	itation:				·			
Conserv	e. Mav re	eposition ir	n same b	av.				,	
	y	.		 y	•	•			
,								•	
	anaa Cal						[R].		
nainten	ance Sch	neaute							
nspect f	or physic	al damage	and dete	erioration ever	y 12 month	ns and imple	ement re	pair as nec	essary.
ntornro						·	·		
nterpre	tation:								
		÷	•						
	,								
		•							

VELEIGH LOCOMOTIVE WORKSHOPS	MACHINERY CONSER	VATION 1996
Item Name: Quenching Bath		Item No. 65
Name Plate: N/A		
Associated Items:	•	
Individual ☑		
Assemblage 🔲		•
System		
Collection		
Description: This small cast-iron bath with	a counter-weighted steel	mesh basket was used fo
quenching items as they came from the forge bath and were then extracted by further weigh		
History: The history of the item is unknown.		
Function and Operation: As above.	Location: 8	Bay 1 South 14W
		1 2
		3
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•		
		11
	ļ -	12
	L	4 3 2 1
Photo: FILM No. 95-169-1-32 P	notographed and inspect	
(- 		Tara Cara



1996

Item Na	ime: Que	enching wit	h Counte	er-Weighted B	asket			Item N	lo. 65
Conditi	on:			····	<u> </u>				
The iten	n is in god	od/exceller	ıt operati	ng condition.	_				
Signific	ance Mat				State His	storical Th	omosi	· · · · · · · · · · · · · · · · · · ·	
Signific	Historical	Aesthetic	Social	Technology/ Research Potential	Category	Storical Ti		 ☐ Industria	al Relic
Rare		ā			Themes	□ 13 Tran □ 15 Utili	-		
Repres- entative	X			×		☐ 16 Indu ☐ 18 Tech ☐ 20 Gov	•	ministratio	1
Stateme	ent of Sig	nificance			<u> </u>	· · · · · · · · · · · · · · · · · · ·	- · · -	<u> · </u>	····
existing		ne item exl	-	ars. The iten igh degree of		•	•	•	
Conser	vation Po	licy:	·		<u></u>	<u> </u>		<u> </u>	
he item	n is to rem	ain operat	ional.						
Policy I	mplemen	tation:				<u> </u>			
Conserv	e. May re	eposition in	same b	ay.					
		,					••		
Mainten	ance Sch	nedule				,			
nspect f	or physica	al damaġe	and dete	erioration ever	y 12 month	ns and impl	ement rep	air as nec	essary.
					,	•			2 :
	4-4!							<u>.</u>	
nterpre	tation:								٠.
							•	•	
			٠.						
		•		•					
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1996

Item Name: Racks of Assorted Tools		Item No.66a-h
Name Plate: N/A	· · · · · · · · · · · · · · · · · · ·	
Associated Items:		
Individual 🗆		•
Assemblage 🗹 Electropneumatic 2CWT (south)	62A, 98, 99	•
System 🗀		
Collection ☑ Hand tools/ Racks 34A-L, 36A-	D, 62A-E, 66A-H, 71, 100	A-D, 102A-D
Description: There are a series of racks made variously placed throughout the bay. These racks support a variety were all used in conjunction with either the electro-pneuma olivers and hand forging.	of tongs, fullers, flatters a	and dies. They
History: The history of the items is unknown.		
Function and Operation: The items were all used by	Location: Bay 1South	10W-15E
blacksmiths in forging operations.	4A 4 3	1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 2 1
Photo: FILM No. 95-169-1-33 Photographed	and inspected Decemb	er 1995



-1996---

The item is in good/excellent operating condition. The external surface of the item has patches of superficial rust and bare metal. Significance Matrix Historical Aesthetic Social Technology/ Research Potential Rare		20113 01 7 1331	orted Tool	IS		•		Item N	lo. 66a-h
Significance Matrix Historical Aesthetic Social Technology/ Research Potential Rare	Condition:		,					<u> </u>	· ·
Significance Matrix Historical Aesthetic Social Technology/ Research Potential Repres- entative	The item is in go	od/excellen	t operatin	g condition.					
Historical Aesthetic Social Technology Research Potential Reare Industrial Relic Representative Industri	The external sur	face of the i	tem has p	patches of su	perficial ru	st and bare meta	al.		
Research Potential Rare	_				State His	storical Themes	S:	-A*	
Rare	Historical	Aestnetic	Social	Research	Category	☐ Moveable Iter	n 🚨	Industria	al Relic
16 Industry 18 Technology 20 Government Administration 18 Technology 20 Government Administration 20 Government	Rare 🔲			• '	Themes	-			
Statement of Significance: The item was an integral part of the Eveleigh Locomotive-Workshop being associated with their operation for over 20 years. The item is an integral part of the stean hammer and oliver systems. The item represents former manufacturing technologies now rarely evident in operating workshops. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item and its operation is easy to interpret from its existing fabric. Conservation Policy: The item is to be retained in its present bay and preserved as part of the electro pneumatic hamme assemblage, and hand tool collections. Policy Implementation: All items which are not being used in the present operations in Bays 1 & 2 South should have alexternal surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Repres- entative 🏻 🗖					☐ 16 Industry			
being associated with their operation for over 20 years. The item is an integral part of the stean hammer and oliver systems. The item represents former manufacturing technologies now rarely evident in operating workshops. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item and its operation is easy to interpret from its existing fabric. Conservation Policy: The item is to be retained in its present bay and preserved as part of the electro pneumatic hamme assemblage, and hand tool collections. Policy Implementation: All items which are not being used in the present operations in Bays 1 & 2 South should have alexternal surfaces cleaned and degreased using appropriate methods. All superficial rust is to be semoved or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.						. •	•	nistration	n
The item is to be retained in its present bay and preserved as part of the electro pneumatic hamme assemblage, and hand tool collections. Policy Implementation: All items which are not being used in the present operations in Bays 1 & 2 South should have all external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be emoved or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	nammer and olivevident in opera	ver systems ating works	s. The ite hops. T	em represent he item evid	s former n dences the	nanufacturing te versatility of	chnolog the wo	gies no rkshops	w rarely s in the
Policy Implementation: All items which are not being used in the present operations in Bays 1 & 2 South should have all external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Conservation P	olicy:							
All items which are not being used in the present operations in Bays 1 & 2 South should have all external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.			•		eserved as	paπ or the elec	tro pne	umatic i	nammer
external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	,			•					
Maintenance Schedule nspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	olicy Impleme	ntation:							
nspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	All items which a external surfaces emoved or treat	are not bein s cleaned a ted. All ext	nd degrea	the present ased using a faces are to	ppropriate	methods. All s	uperfici	ial rust	is to be
he implementation section.	All items which a external surfaces emoved or treat Shell ENSIS fluid	are not bein s cleaned a ted. All ext l or polycrys	nd degrea ernal sur talline wa	the present ased using a faces are to	ppropriate	methods. All s	uperfici	ial rust	is to be
nterpretation:	All items which a external surfaces removed or treat Shell ENSIS fluid Conserve. May r	are not bein s cleaned a ted. All ext or polycrys reposition in	nd degrea ernal sur talline wa	the present ased using a faces are to	ppropriate	methods. All s	uperfici	ial rust	is to be
nterpretation:	All items which a external surfaces emoved or treat Shell ENSIS fluid Conserve. May remaintenance Scotspect all externations	are not being cleaned a ted. All extends or polycrys reposition in hedule	nd degrea ernal sur talline wa same ba	the present ased using a faces are to ix.	ppropriate be treated	methods. All s	uperfici oriate s	al rust ealant s	is to be such as
	All items which a external surfaces emoved or treat Shell ENSIS fluid Conserve. May remaintenance Screenspect all external	are not being cleaned a ted. All extends or polycrys reposition in hedule	nd degrea ernal sur talline wa same ba	the present ased using a faces are to ix.	ppropriate be treated	methods. All s	uperfici oriate s	al rust ealant s	is to be such as
	All items which a external surfaces emoved or treat Shell ENSIS fluid Conserve. May not be implementation of the implementation of t	are not being cleaned a ted. All extends or polycrys reposition in hedule	nd degrea ernal sur talline wa same ba	the present ased using a faces are to ix.	ppropriate be treated	methods. All s	uperfici oriate s	al rust ealant s	is to be such as
	All items which a external surfaces emoved or treat Shell ENSIS fluid Conserve. May not be implementation of the implementation of t	are not being cleaned a ted. All extends or polycrys reposition in hedule	nd degrea ernal sur talline wa same ba	the present ased using a faces are to ix.	ppropriate be treated	methods. All s	uperfici oriate s	al rust ealant s	is to be such as
	All items which a external surfaces emoved or treat Shell ENSIS fluid Conserve. May note that the implementation of the implementati	are not being cleaned a ted. All extends or polycrys reposition in hedule	nd degrea ernal sur talline wa same ba	the present ased using a faces are to ix.	ppropriate be treated	methods. All s	uperfici oriate s	al rust ealant s	is to be such as

1996

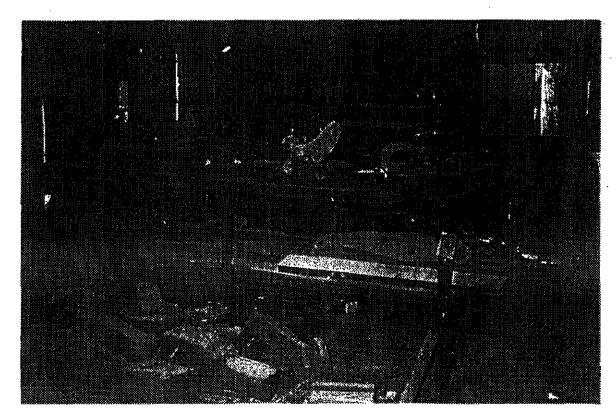
Item Name: Warning Sign for 40CWT Steam Hamme	er			Item No. 6
Name Plate: N/A		<u> </u>		
Associated Items:			_	
Individual				
Assemblage Steam Hammer 40 CWT	47, 53, 54, 56	, 66BCD, 1	70, 53 🦠	
System				
Collection				
being used as a thoroughfare when it was operating.				
History: The history of the item is unknown, but thused, would appear to be no older than 20 years.	e sign, beca	use of its	conditio	n and the f
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati	on: Bay 1	· ·	
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to	the Locati		· ·	
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati		· ·	
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati		· ·	
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati		· ·	13-14E
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati		· ·	13-14E
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati		· ·	13-14E
used, would appear to be no older than 20 years. Function and Operation: One sign was placed to south of the hammer and one to the north of the ham	the Locati		· ·	13-14E



1996----

Item Na	me: Wa	rning Sign 1	for 40CV	VT Steam Han	nmer	· · · · · · · · · · · · · · · · · · ·	Item No. 67
		external su		the item has	patches o	f superficial rust a	nd bare metal. The
Signific	ance Ma				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	Industrial Relic
Rare	×			x .	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-			_			☐ 16 Industry	
entative	u	<u> </u>		X		18 Technology	
						20 Government A	Administration
Stateme	ent of Sig	nificance:	-			::	•• •
				r developing nature of pas			ngineering practice.
Conserv	ration Po	licy:					
impleme	ntation a	•	ance sch	nedules given	•	d and maintained	according to the
Policy In	nplemen	tation:	· ·	*			
rust is to such as	be remo Shell EN	ved or treads	ted. All or polycr	external surfa	ces are to The rust	be treated with an	ods. All superficial appropriate sealant removed by gentle
Conserv	e. May re	eposition in	same ba	ау.			
37 -:4	0-1	· ·					
Inspect a		r"	for rust (every 12 mon	ths. Where	e necessary, coat a	as recommended in
			,				
Interpre	tation:						
		•					
						·	
							•

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY	CONSERVATION	1996
Item Name: Stands of Assorted Dies		Item No.68a-e
Name Plate: N/A		
Associated Items:		
Individual		
Assemblage .□		
System		•
Collection • • • • • • • • • • • • • • • • • • •		
Description: There are five stands made variously of she	et plate steel, angle iron	n strap and rod
which support a variety of dies and work in progress. All		
indicate they have not been used recently. The dies were		
hammers or the hydraulic presses. The partially fitted piece	es of work were possibly	formed on the
steam hammer or Davy and were brought here for finishing.		•
History: The history of the items is unknown.		
Function and Operation: The function and operation is	Location: Bay 1 South	9W-12E
not fully understood.		1
		2
		4
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		10
		X11
		13
		15
	4A 4 3	2 1 .
Photo: FILM No. 95-169-1-35 Photographed a	and inspected Decemb	er 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996-

Item Name: Stands of Assorted Dies	Item No.68a-e
	s patches of superficial rust and bare metal. The
item exhibits heavy rust in places.	XXX
Significance Matrix	State Historical Themes:
Historical Aesthetic Social Technology/ Research	Category
Potential	_
Rare 🗵 🔲 🗵	Themes
Repres-	15 Utilities
entative 🔲 🔲 🗵	☐ 16 Industry ☐ 18 Technology
•	20 Government Administration
Madamant of Circliff	
Statement of Significance:	ocomotive Workshops being associated with their
	ntegral part of the Davy assemblage. The items reloping an understanding of early engineering ature of past work practices.
Conservation Policy:	
mplementation and maintenance schedules given	ned, serviced and maintained according to the
implementation and maintenance schedules given	, below.
Conserve. May reposition in same bay.	
Policy Implementation:	
	eased using appropriate methods. All superficial aces are to be treated with an appropriate sealant
laintenance Schedule	
nspect all external surfaces for rust every 12 mor he implementation section.	nths. Where necessary, coat as recommended in
	··-
nterpretation:	-

1996

	Item No. 69
Name Plate: N/A	
Associated Items:	
Individual 🗹	
Assemblage 🗅	
System	
Collection	
Description: This small bin, which measures about 800r	
with two steel legs at the rear and two wheels at the fron	t. It was basically for moving close to
blacksmiths operating areas for the collection of scrap. History: Unknown.	
Function and Operation: N/A	Location: Bay 1 South 11-12
anction and Operation. 14/A	Location. Bay 7 South 17-12
	3
	5
	8 9
·	F
,	× - 11 12
	13
,	15
·	4A 4 3 2 1
Photo: FILM No. 95-169-2-1 Photographed	and inspected December 1995

EVELEIGH LOCOMOTIVE-WORKSHOPS MACHINERY CONSERVATION --1996_ Item Name: Metal Trolley Bin Item No. 69 Condition: The item is in good/excellent operating condition. The external surface of the item has patches of superficial rust and bare metal. Significance Matrix State Historical Themes: Historical Aesthetic Social Technology/ Category ☐ Moveable Item ☐ Industrial Relic Research Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ☐ 18 Technology 20 Government Administration Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 20 years. The item is an integral part of the steam hammer assemblage. The item represents former manufacturing technologies now rarely evident in operating workshops. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item and its operation is easy to interpret from its existing fabric. Conservation Policy: The item is to retained in its present bay and be preserved as part of the steam hammer assemblage, and hand tool collections. **Policy Implementation:** All items which are not being used in the present operations in Bays 1 & 2 South should have all external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax.

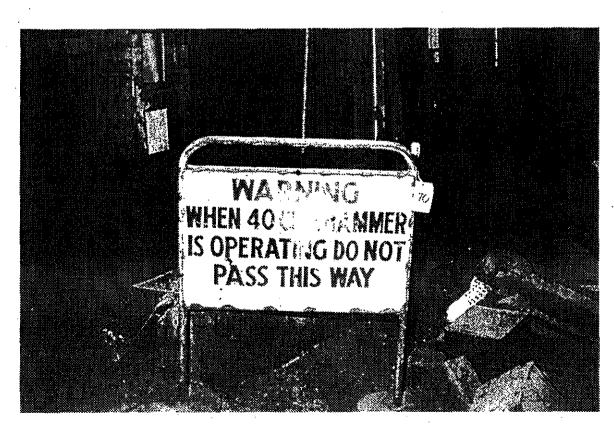
Conserve. May reposition in same bay.

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.

Interpretation:

Item Name: Warning Sign for 40CWT Steam Hammer Item No. 70 Name Plate: N/A Associated Items: Individual Steam Hammer 40 CWT 47, 53, 54, 56, 66BCD, 70, 53 Assemblage \square System Collection Description: This steel sheet sign states "Warning When 40CWT Hammer is operating do not pass this way". It was meant as a safety device to prevent the area around the steam hammer being used as a thoroughfare when it was operating. History: The history of the item is unknown but the sign, because of its condition and the font used, would appear to be no older than 20 years. Function and Operation: One sign was placed to the Location: Bay 1 South 10W south of the hammer and one to the north of the hammer to prevent passage through the steam hammer area. Photo: FILM No. 95-169-2-2 Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996___

Item Na	me: Wa	rning Sign f	or 40 C	WT Steam Ha	mmer		Item No. 70
		external su		f the item has	patches o	f superficial rust a	nd bare metal. The
Significa	ance Ma Historical	trix Aesthetic	Social	Technology/	State His	storical Themes:	
				Research Potential	Category	Moveable Item	☐ Industrial Relic
Rare	X			· · · X	Themes	☐ 13 Transport ☐ 15 Utilities	
Repres-			_	_		16 Industry	
entative	<u>u</u>		Ц	X		18 Technology	
Statomo	nt of Sid	nificance:				20 Government	Administration ————————————————————————————————————
	`			s Evoloigh La	aamatika W	Vorkahana haina a	ssociated with their
research	and ed	ucation pot	ential fo		an unders	tanding of early e	lage. The item has ngineering practice.
Conserv	ation Po	olicy:			·····	2.2	
		•	•	being cleane redules given		d and maintained	d according to the
Conserve	∋. May r	eposition in	same b	ay.			
Policy In	nplemen	tation:					
rust is to	be remo	ved or trea	ted. All			,	ods. All superficial appropriate sealant
Conserve	e. May re	eposition in	same b	ay.			
Maintena	anco Sci	hodulo		· · · · · · · · · · · · · · · · · · ·	<u> </u>		
Inspect a	ıll externa		for rust	every 12 mon	ths. Where	e necessary, coat	as recommended in
Interpret	ation:	•		· · · 			-
							·

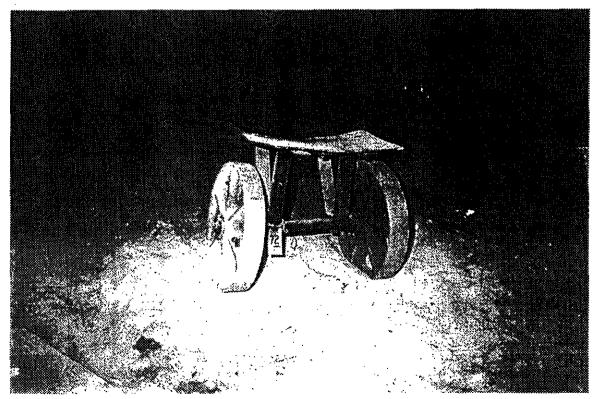
Item Name: Assorted Tools	Item No. 71
Name Plate: N/A	
Associated Items: Individual □ Assemblage ☑ Steam Hammer 20 CWT System □ Collection □ Description: This series of tools consists of conjunction with the steam hammer or electro-pneu	fullers, flatters and rods which were used i
History: Unknown	
Function and Operation: N/A	Location: Bay 1 South 10E
	1 2 3 4 4 5 5 6 6 7 8 8 9
	10 11 12 13 14 4A 4 3 2 1
Photo: FILM No. 95-169-2-3 Photog	graphed and inspected December 1995

1996.__

Item Name: Assorted Tools	Item No. 71
Condition:	
The item is in good/excellent operating condition.	
The external surface of the item has patches of su	perficial rust and bare metal.
Significance Matrix	State Historical Themes:
Historical Aesthetic Social Technology/ Research Potential	Category Moveable Item Industrial Relic
Rare	Themes 13 Transport 15 Utilities
Representative	☐ 16 Industry ☐ 18 Technology
	20 Government Administration
being associated with their operation for over 20 hammer and oliver systems. The item represent evident in operating workshops. The item evident manufacture of tools and machines. The item and fabric.	egral part of the Eveleigh Locomotive Workshops years. The item is an integral part of the steam its former manufacturing technologies now rarely dences the versatility of the workshops in the distribution is easy to interpret from its existing
Conservation Policy:	
assemblage, and hand tool collections.	d be preserved as part of the steam hammer
Policy Implementation:	
All items which are not being used in the present external surfaces cleaned and degreased using a removed or treated. All external surfaces are to Shell ENSIS fluid or polycrystalline wax.	appropriate methods. All superficial rust is to be
Conserve. May reposition in same bay.	
Maintenance Schedule	·
Inspect all external surfaces for rust every 12 mon	ths. Where necessary, coat as recommended in
the implementation section.	
Interpretation:	
	-

1996

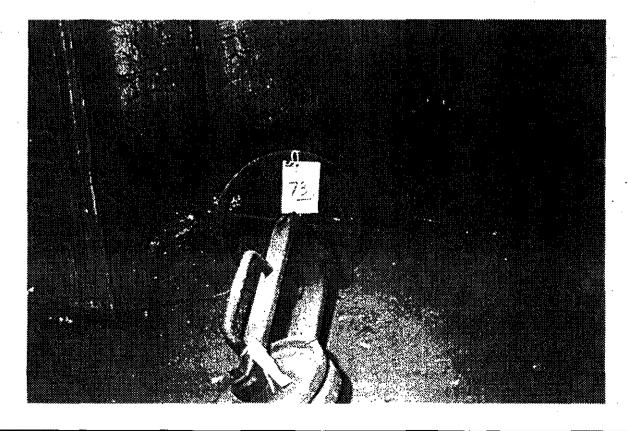
	Hot Ivietai	Trolley		Item No. 72
Name Plate:	N/A			
Associated It	ems:			
Individual				
Assemblage	\square	Steam Hammer 40 CWT	47, 53, 54, 56, 66BCD	, 70, 53
System		•		
Collection				
has been bolte	been boled. The t	t metal trolley consists of two lted. The brackets support a trolley was used for receiving eir manipulation as they were	flat plate steel top to w hot metal billets as the	hich a 2.5 metre handly y were brought from the
History: The War II.	history o	f the item is unknown but it is	certain that it was mar	nufactured before World
Function and	Operation	on: As above.	Location: Bay	1 South 1.1-12E



1996

Item Na	me: Hot	Metal Trol	ley		,		Item No. 72
Conditi	on:	'					
The iter	n is in goo	d/excellen	t operatin	ng condition.			
The ext	ernal surfa	ace of the i	tem has _l	patches of su	perficial ru	st and bare metal.	
Signific	ance Mat				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare	$\overline{\mathbf{A}}$				Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	$\overline{\mathbf{A}}$					☐ 16 Industry ☐ 18 Technology	
						20 Government A	dministration
evident manufact fabric. Conser The iter	in operate ture of to vation Po	ing works ols and ma	hops. Tachines.	The item evidence The item and the item and the item and the item and the item are item.	lences the	e versatility of the on is easy to interp	nologies now rarely workshops in the pret from its existing
All items external removed	surfaces I or treate	e not bein cleaned a	nd degre ernal sur	ased using a faces are to	ppropriate	methods. All supe	uth should have all erficial rust is to be te sealant such as
		position in		. •	, ,		
Mainten	ance Sch	edule					
-	all externa ementation		for rust e	every 12 mont	hs. Where	e necessary, coat a	as recommended in
Interpre	tation:						
				<u>.</u> 			-
•	٠	· •					
						,	

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	Y CONSERVATION	1996
Item Name: Crane Tong Support		Item No. 73
Name Plate: N/A		· · _
Associated Items:		
Individual		#
Assemblage Steam Hammer 40 CWT 47, 53	3, 54, 56, 66BCD, 70, 53	
System		
Collection		•
Description: This Crane Tong Support consists of a	roller, which ran on the	e Jib Crane, a
wishbone, which holds a trunnion, to which a threaded sh	naft and wheel is attache	ed for raising or
lowering the chain which held a set of balanced tongs.		
		·
History: The history of the item is unknown but is probab	ly of the same age as the	e earliest of the
jib cranes.	•	•
Function and Operation. The belonced to an orbital	Lagations Dougle Coulle	400
Function and Operation: The balanced tongs which	Location: Bay 1 South	12E
held the billet for manipulation beneath the electro- pneumatic or steam hammers was passed through the		1 2
chain. In this way the billet could be very easily	L	3
manipulated. The tong support also allowed the transfer		
of the hot item back to the furnace.		
or the necketh basic to the farmace.	│	 8
•		9
•	<u> </u>	
		X 12 13
		14
,	4A 4 3 2	15
DI (4005
Photo: FILM No. 95-169-2-5 Photographed	and inspected Decemb	er 1995



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	ille. Ola	ne Tong S	Support		Item No. 73
Conditio	on:		<u> </u>	-	
The item	ı is in goo	d/excellen	t operatii	ng condition.	
The exte	ernal surfa	ace of the i	item has	patches of su	perficial rust and bare metal.
Signific	ance Mat				State Historical Themes:
	Historical	Aesthetic	Social	Technology/ Research Potential	Category
Rare	7				Themes
Repres-					☐ 15 Utilities ☐ 16 Industry
entative	V				☐ 18 Technology
					20 Government Administration
being as hammer evident	sociated and olive in operat	with their er systems ing works	operatior s. The it hops.	n for over 20 y em represent The item evic	gral part of the Eveleigh Locomotive Workshops rears. The item is an integral part of the steam is former manufacturing technologies now rarely ences the versatility of the workshops in the its operation is easy to interpret from its existing
Conserv	ation Po	licy:		·	
	ie to re		•		d be preserved as part of the steam hammer
The item	age, and	hand tool o	collection	J.	

All items which are not being used in the present operations in Bays 1 & 2 South should have all external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax.

Conserve. May reposition in same bay.

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.

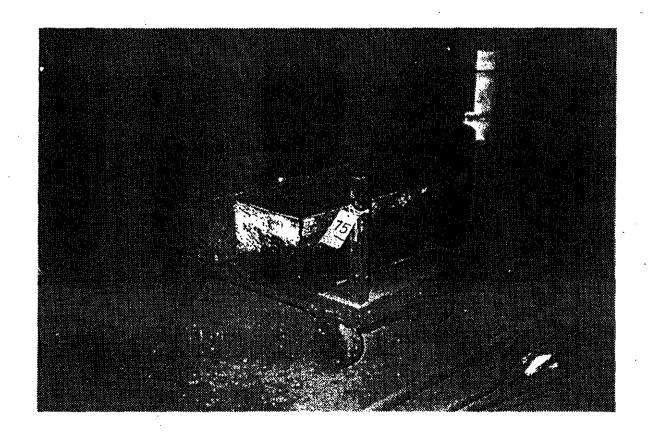
Interpretation:

1996

Item Name: Metal Trolley	Item No. 74
Name Plate: N/A	
Associated Items:	
Individual ☑	
Assemblage 🛘	ļ
System	
Collection	· ·
Description: This small trolley with a cast iron and timb around the workshops.	er frame was used for moving plate metal
History: The history of the item is unknown.	
Function and Operation: N/A	Location: Bay 1 South 13
·	1
	2
	4 5
	h
	7 8
·	9
	10
	12 13
•	14
	4A 4 3 2 1
Photo: FILM No. 95-169-2-6 Photographe	ed and inspected December 1995
Section 2	
	一般 海洋原料
	ı

Res	hes of superficial ru	istorical Themes: ☐ Moveable Item ☐ ☐ 13 Transport	Industrial Relic
The external surface of the item has patch Significance Matrix Historical Aesthetic Social Tec Res Pot Rare	hes of superficial ru State Hi chnology/ search tential	istorical Themes: ☐ Moveable Item ☐ ☐ 13 Transport	Industrial Relic
The external surface of the item has patch Significance Matrix Historical Aesthetic Social Tec Res Port Rare	hes of superficial ru State Hi chnology/ search tential	istorical Themes: ☐ Moveable Item ☐ ☐ 13 Transport	Industrial Relic
Significance Matrix Historical Aesthetic Social Tec Res Pol Rare	chnology/ search tential	istorical Themes: ☐ Moveable Item ☐ ☐ 13 Transport	Industrial Relic
Historical Aesthetic Social Tec Res Pol Rare 🗹 🗆 🗀	chnology/ search Category tential	☐ Moveable Item ☐ ☐ 13 Transport	Industrial Relic
Rei Pol Rare 🗹 🗆 —	search Category tential	☐ 13 Transport	Industrial Relic
Rare 🗹 🗆 🗀		•	
·			
·		☐ 15 Utilities	
		☐ 16 Industry ☐ 18 Technology	•
		20 Government Admi	inistration
Conservation Policy: The item is to retained and preserved.			,
			·
Policy Implementation:			•
All items which are not being used in the external surfaces cleaned and degreased emoved or treated. All external surface Shell ENSIS fluid or polycrystalline wax.	d using appropriate	e methods. All superfic	cial rust is to be
Conserve. May reposition in same bay.			
Maintenance Schedule	·		
noment all automot quitage for mot soon	12 months. When	re necessary, coat as re	ecommended in
nspect all external surfaces for rust every ne implementation section.		· · · · · · · · · · · · · · · · · · ·	
			· ·
			., .

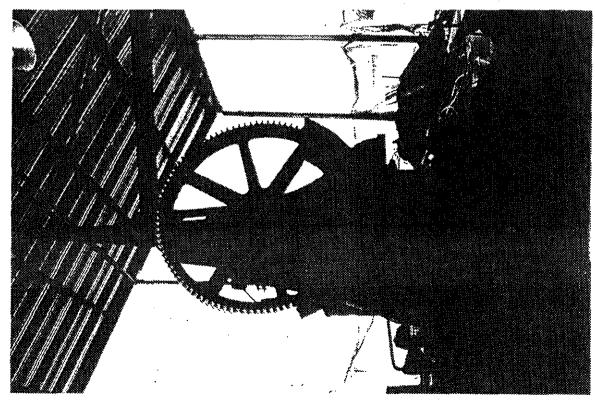
					<u> </u>	
Item Name: Metal Trolley with 2 Metal Boxes	lte	em No	o. 75			
Name Plate: N/A						
Associated Items:			-			
Individual 🗹						
Assemblage 🛛						
System						
Collection						
Description: This small trolley has a frame supported on tangled section post in each corner which stands about 5 baskets for holding scrap steel.						
History: The history of the item is unknown.						
Function and Operation: The small trolley was moved	Location	: Bay	1 Sou	th 13	-14E	
when empty from one location to another to receive scrap			1 1			1
from various operations.						2
·			<u> </u>			4
				:-}		5 6
	l <u> </u>					7
	├	-	1			9
			<u> </u>			10
		-				11 12
					X-	13 14
	ļ -			<u> </u>		15
•	44	4				



1996

Item N	ame: Met	al Trolley v	with 2 Me	tal Boxes		· · · · · · · · · · · · · · · · · · ·	Item No. 75
Condit	ion:						
The ite	m is in acc	od/excellen	ıt operatir	ng condition.			
	-	•		_			
The ext	ernal surfa	ace of the	item has	patches of su	perficial ru	st and bare metal.	
Signific	cance Mat				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare					Themes	☐ 13 Transport ☐ 15 Utilities	
Repres-						15 Utilities 16 Industry	
entative						☐ 18 Technology	
	-					☐ 20 Government	Administration
being a	ssociated		operatio				omotive Workshops operation is easy to
Conser	vation Po	licy:					,
The iter	n is to reta	ined and p	preserved	d.			
Policy	mplemen	tation:					
	•						
			_	•	•	-	outh should have all perficial rust is to be
							ate sealant such as
Shell En	NSIS fluid	or polycrys	stalline w	ax.		. •	
Consen	/e. Мау ге	eposition in	same ba	ay.	•		
							·
Mainter	nance Sch	redule		,			•
Inspect	all externs	al surfaces	for rust e	every 12 mont	ihs Wher	e necessany coat	as recommended in
	ementatio			5 tory 12 mon	ino. vviioi	- neocoodiy, cour	20 (Coolimonaca III
						•	
Interpre	etation:						
	•					·	· -
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						•	
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							-
					•		
	•		٠.			•	

Item Nam	e: De Burgue Electric Shea	ars ·		Item No.	206
Name Pla	te: N/A				
Associate	ed Items:				
Individual	Ø		•		
Assembla	ge 🗅				
System					
Collection			4 - L		
at low spe driving gea Jib Crane	on: The De Burgue Electri eed. The item is driven by ar which is meshed with the and has its own jig for dete n excess of 50mm sections	y a small electric moto e cam shaft of the she ermining the length of	or through a gear box a ears. The item is equipp	ind a very ped with its	large own
out moturn	TO COOL OF COMMIT SECURITION	·•			
History:	The item was installed prior	to World War I. The r	est of its history is unkno	own.	
Function	and Operation: The elec	ctric motor is started	Location: Bay 1 South	Exterior	•
	ears operated at low speed				
to be fed th	nrough the jaws to the stock	k and cut to length.		3	
	·			7 8	
		İ		9	
	•		<u> </u>	11	
		-		12 13	
				14	
			4A 4 3 2	15	
Photo:	FILM No. 95-169	Photographed	and inspected Decemb	per 1995	_
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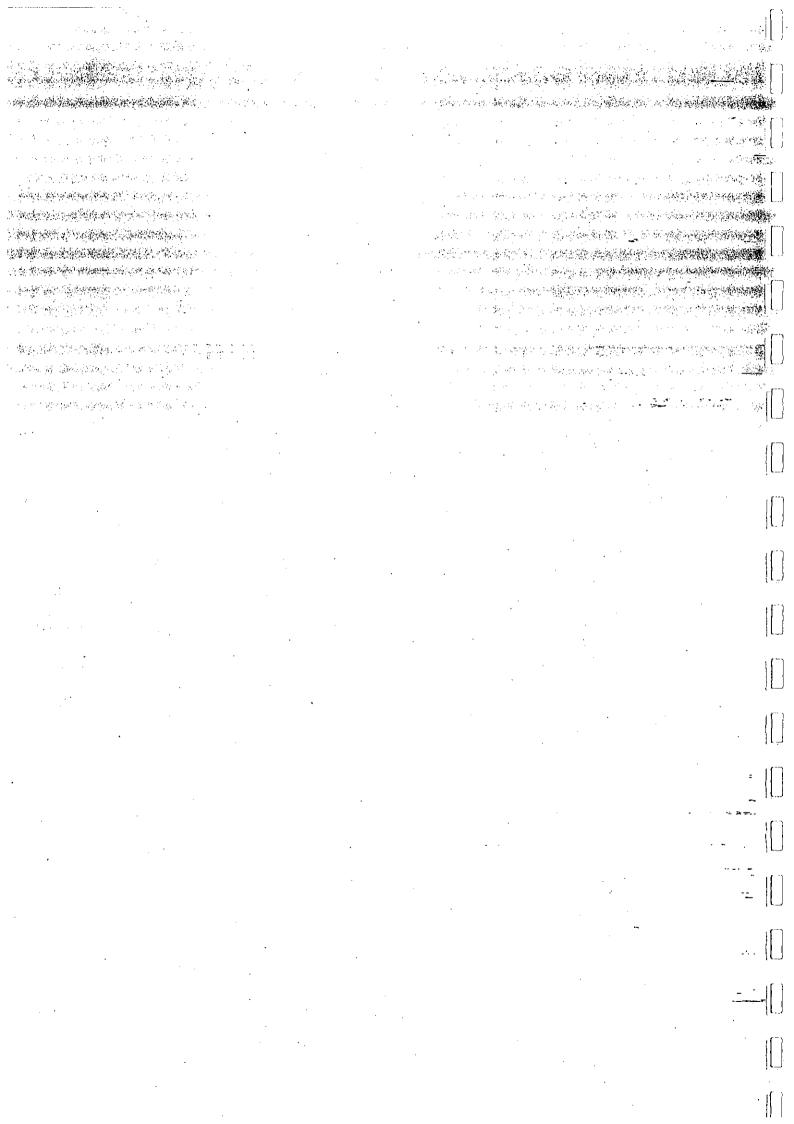


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Item Name: De Burgue Electric Shears	Item No. 206							
Condition:								
In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested.								
The external surface of the item has patches of su	perficial rust and bare metal.							
Significance Matrix	State Historical Themes:							
Historical Aesthetic Social Technology/ Research Potential	Category Moveable Item Industrial Relic							
Rare 🕱 🗅 🕱	Themes 13 Transport 15 Utilities							
Repres-	15 ounties							
entative 🙎 🔲 🗘	18 Technology							
	20 Government Administration							
	20 Government Administration							
Statement of Significance	·							
The item was an integral part of the Eveleigh Lo operation for over 90 years. The item is a large, construction and which had general engineering a nature of past work practices. The item and its op	application. The item will yield information on the							
The item exhibits a high degree of structural integr								
Conservation Policy:								
The item is to retained in its present location and and the shear and punch collection. The item is	to be reconnected to its power source and made							
operational. The item is to be preserved by bein the implementation and maintenance schedules gi								
Policy Implementation:								
roncy implementation.	·							
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All operating surfaces exhibiting a normally bright finish should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid or a polycrystalline wax. All moving parts of electric motors are to be covered to prevent ingress of dust.								
Maintenance Schedule:								
Inspect all external surfaces for rust every 12 mon the implementation section. Every 5 years interna								
or oxidation product must be treated suitably by	being removed and coated with an inhibitor and							
sealant. Inspect for physical damage and deterion necessary.	ration every 12 months and implement repair as							
Interpretations								
Interpretation:	•							
•								
·	·							

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BAY 2 NORTH



1996

Item Name:	Rack of Mould	s and Templa	ites for Hamm	er Shop	Item No. 26
Name Plate:	N/A				
Associated It			···		
Individual	. 🚨			•	
Assemblages	\square	Steam H	lammer 20 CV	VT 46, 47, 57, 66E	
Collection				•	
Systems	\square				
Operational G	roups 🛚	Steam F	lammer Shop.	All items in Bay 2N exc	ept 38.
			_	section and bar steel r	—
•	• • •			The item has two brace	
• •	•	_		yes, moulds and templa	
been stored ne	ere in a randoi	m manner wn	en tne worksn	ops were to be closed do	own.
History: The	history of the	item is unkn	own but it an	pears to be of some age	The moulds and
templates which					c. The modius and
templates trik	on it holds are	or varying ag	co and varying	·	
Function and	Operation:	The rack was	purpose-built	to Location: Bay 2 N	orth 3 West
hold a series of	of moulds.				
	·			,	
•					
		•			
•					
Photo:	FILM No. 95-	.160_3_27	Photograpi	ned and inspected Dec	ember 1995
	1 ILW 140. 00°	100-0-21	i notograpi	ied and mopeoted bed	
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	Ph	otograph	to com	e.	· • • •
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1996

Item Na	ıme: Ra	ck of Mould	s & Tem	plates for Han	nmer Shop		Item No. 26
Conditi	on:	· · · · · · · · · · · · · · · · · · ·		,			· ·
The iten	n is in go	od/excellen	t operati	ng condition.		,	
The exte	ernal sur	face of the i	tem has	patches of su	perficial ru	st and bare metal.	
Signific	ance Ma		Social	Tachnolomi	State His	storical Themes:	
•	HISTORICAL	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare		. 📮			Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative				-		☐ 16 Industry ☐ 18 Technology ☐ 20 Government	Administration
hammer evident	r and oliv in opera	ver systems ating works	s. The it	tem represent The item evid	s former n dences the	nanufacturing teche versatility of the	al part of the steam mologies now rarely workshops in the pret from its existing
Conser	vation P	olicy:					
The iten		etained in	its pres∈	ent location ar	nd be pres	served as part of	the steam hammer
							· .
All items external is to be	surfaces removed	re not bein are to be	cleaned All exter	and degrease rnal surfaces a	d using ap	propriate methods	outh Should have all . All superficial rust opriate sealant such
Mainten	ance Sc	hedule					·
		al surfaces on section.	for rust	every 12 mont	ths. Wher	e necessary, coat	as recommended in
Interpre	tation:						
					•		
						•	

1996.....

Item Name: The B	Item No. 27A-H		
Name Plate:			
Associated Items:			
Individual			
Assemblages	\square	Steam Hammer 800CWT1 27AB, 28, 34KJ, 36DF, 37ABC	
Collection		Steam Hammer 800CWT2 27DE, 29, 30, 31A, 34GH, 36G	•
Systems			
Operational Groups	\square	Steam Hammer Shop. All items in Bay 2N except 38.	

Description: 8 of the original 20 cast iron blacksmith forges or furnaces remain in Bay 2 North. The Forges consist of a cast-iron stage or frame which holds the cast-iron fire pan. The rear legs extend about 800mm beyond the fire pan and hold the back plate and support the cast iron hood. The cast iron twears which are of the side-heating design are all water cooled. Each forge is naturally vented through a vertical stack which passes through the roof of the workshop. In some cases, side panels have been added to the forges to contain the heat. The forges are all connected to the sub-floor high volume, low pressure air lines which take air from the Roots blowers located at the south end of Bay 1 to the forges.

History: Originally the forges were all connected to a low pitched sheet metal flue which ran the length of the bay at a height of about 3-4 metres above the ground. To this flue was supplied two stacks which passed through the roof of the bay. It is not known where the forges were made but it is believed that they were produced in the Eveleigh Foundry which was originally located outside Bay 4.

Function and Operation: The forges were all used for heating relatively small items to red or white heat for forging by hand by the blacksmiths or beneath the four steam hammers still located in Bay 2. The forges all used coal or coke as fuel and the air supply was controlled by a lever at the rear of the forge.

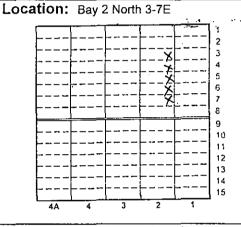
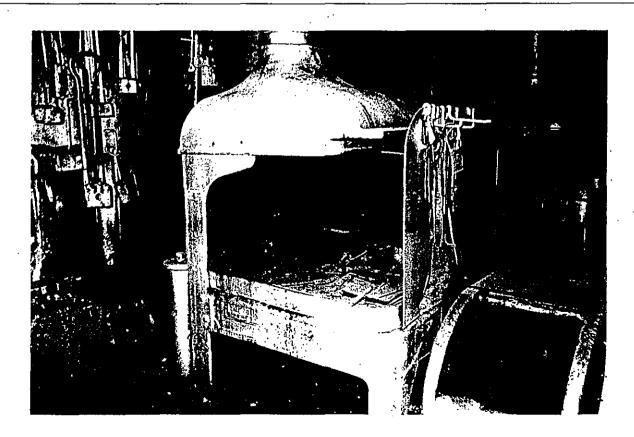


Photo: FILM No. 95-169-3-28 Photographed and inspected December 1995



1996___

Item Na	me: Blad	cksmith's F	orges				Item No. 27A-H
	ral, the ite	m appears			dition prov	iding power sources ar	e connected and
The iten	n exhibits	heavy rus	t in place	s			
Signific	ance Ma	trix Aesthetic	Social	Technology/ Research	State His	storical Themes:	Industrial Relic
Rare	X	X		Potential	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	Ø			×		☐ 16 Industry ☐ 18 Technology	
			· .			20 Government Adm	inistration ·
Stateme	ent of Sig	nificance					Section 1
1		n integral 100 years	•	e Eveleigh Lo	ocomotive	Workshops being asso	ociated with their
The iten	ns are an	integral pa	irt of the	steam hamme	r assembl	age.	
Conser	vation Po	licy:					
				eir present lo llection to whi		d be preserved as pa long.	rt of the steam
Policy I	mplemen	tation:		·· ······ ··			
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. All heavily rusted surfaces should be cleaned with abrasive blasting using a limestone or similar abrasive or steel brushing. Remnant rust should be treated with an inhibitor and finally coated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax.							
Conserv	e in situ.						
Mainten	ance Sch	edule					
L,					•		
				,			
	•						· · · · · · · · · · · · · · · · · · ·
Interpre	tation:				, · •, · ·		
						·	
							-

1996___

Item Name: Davis a	nd Prim	rose Steam Hammer	Item No. 28.
Name Plate:			<u></u>
Associated Items:	 -		
Individual			
Assemblages	\square	Steam Hammer 800CWT1 27AB, 28, 34KJ, 36DF,	, 37ABC
Collection	Ø	Steam Hammer 28, 29, 31, 32, 54, 57	
Systems	7	Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191	
Operational Groups	\square	Steam Hammer Shop. All items in Bay 2N except 3	38.

Description: This vertical, single frame steam hammer delivers a blow of 8.5cwt (430kg). The hammer was powered by steam via an overhead steam line from the boiler headers at the south end of Bay 2. The hammer consists of a cast-iron steel frame, virtually in the form of a C.

History: The steam hammer was installed in this location in 1908. (The 1912 plan of the Eveleigh Railway Workshops SRAO EL W29) indicates a steam hammer in this precise location.

Function and Operation: The steam hammer was used | Location: Bay 2 North 3-4E for a variety of items produced for the railways. These varied from the roughing out of small axles and shafts to the production of small items which were drop-forged in spring swage sets.

The operating lever is moved with a pumping action and a skilled operator can change both the length of the blow and its rapidity. As the operation of the lever is increased in speed, the speed of the blows delivered is increased. The length of stroke is governed by the distance by which the lever is moved. The blow delivered depends both on the steam being admitted to the steam cylinder and the weight of the piston rod, the ram and the ram dye.

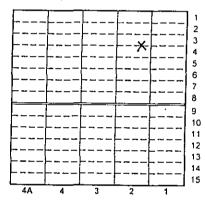
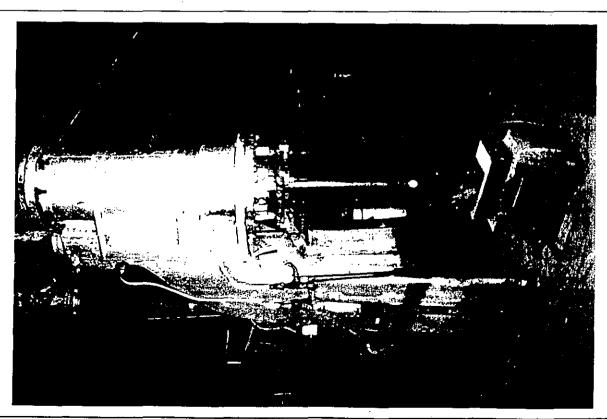


Photo:

FILM No. 95-169-3-29

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

Item Name: Davis & Primrose Steam Hammer Item No. 28]	
Condition:								
In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal.								
Significance Matrix State Historical Themes:								
Jigiline	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic	
Rare	E	X		×	Themes	☐ 13 Transport☐ 15 Utilities		
Repres- entative	图 .			×		☐ 16 Industry ☐ 18 Technology		•
0		54 d 6 -	41 NO	A (☐ 20 Government Admi	nistration	-
-	ally manuf ment Railw		or the NS	/V 			e de la companya del companya de la companya del companya de la co	
Statem	ent of Sig	nificance						l
The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 90 years. The item is an integral part of the large steam system. The item is a large, rare, industrial piece exhibiting massive cast-iron construction specifically manufactured for the NSW government railways. The item represents former manufacturing technologies now rarely evident in operating workshops. The item is impressive in size and form and exhibits a unity in its design and detail. The item has research and education potential for developing an understanding of early engineering practice. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity.								
Conser	vation Po	licy:]
			-		•	d as part of the 8 CWT tem to which it belongs		
Policy I	mplement	tation:						1
Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, all internal bare metal surfaces are to be dried and greased to prevent rust. All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. All operating surfaces exhibiting a normally bright finish should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid or appolycrystalline wax.								
Conserv	e in situ.							
Mainten	ance Sch	edule		<u> </u>				-
the impl	ementatior	section.	Every 5	years interna	surfaces	e necessary, coat as re should be inspected for oved and coated with a	rust. Any rust	-
Interpre	tation:							
						•		1

1996.___

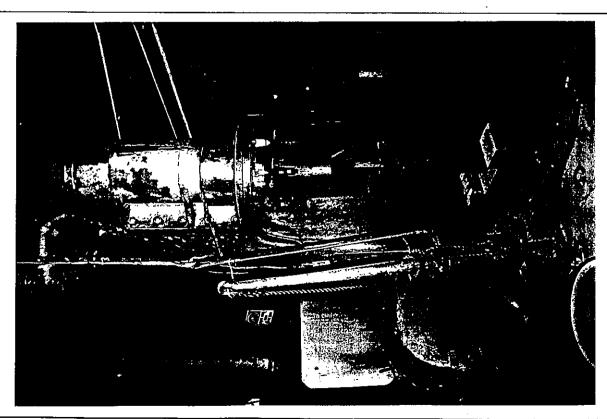
Item Name: Davis ar	Item No.	29				
Name Plate:						
Associated Items:	<u></u>				.	
Individual						
Assemblages		Steam Hammer 800CWT2	2 27DE, 29, 30, 31A, 34	GH, 36G	•	
Collection		Steam Hammer 28, 29, 3		•		
Systems		Steam 1-4, 28, 29, 31, 32	2, 54, 57, 188-191	~~		
Operational Groups		Steam Hammer Shop. All	litems in Bay 2N except	38.		
Description: This v	ertical, s	single frame steam hammer	delivers a blow of 8.5cv	vt (430kg).	The	
		am via an overhead steam li		,		
end of Bay 2. The ha	mmer co	onsists of a cast-iron steel frai	me, virtually in the form	of a C.		
History: The steam	hammer	was installed in this location	in 1908. (The 1912 plai	n of the Eve	eleigh	
History: The steam hammer was installed in this location in 1908. (The 1912 plan of the Eveleigh Railway Workshops SRAO EL W29) indicates a steam hammer in this precise location.						
Function and Opera	tion: Ti	he steam hammer was used	Location: Bay 2 North	1 6E		
for a variety of items	produc	ed for the railways. These		_ 1		
varied from the rough	ning out	of small axles and shafts to		2		
the production of sm	all items	s which were drop-forged in				
spring swage sets.				5 6		
		with a pumping action and a	·	× 6 7		
skilled operator can	8					

weight of the piston rod, the ram and the ram dye. Photo:

FILM No. 95-169-3-30

and its rapidity. As the operation of the lever is increased in speed, the speed of the blows delivered is increased. The length of stroke is governed by the distance in which the lever is moved. The blow delivered depends both on the steam being admitted to the steam cylinder and the

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1	9	9	6	

Item Name: Davis & Primrose Hammer 8.5CWT		Item No. 29
Condition: In general, the item appears to be in operable condition the item is cleaned, serviced and tested. The externation and bare metal.	dition providing power sources rnal surface of the item has pa	are connected and atches of superficial
Significance Matrix Historical Aesthetic Social Technology/ Research	State Historical Themes: Category	☐ Industrial Relic
Rare Repres- entative Specifically manufactured for the NSW Government Railways. Statement of Significance	Themes 13 Transport 15 Utilities 16 Industry 18 Technology 20 Government A	dministration
The item was an integral part of the Eveleigh Locoperation for over 90 years. The item is an integral large, rare, industrial piece exhibiting massive can the NSW government railways. The item represer evident in operating workshops. The item is impredesign and detail. The item has research and edulof early engineering practice. The item and its operation in the item exhibits a high degree of structural integri	al part of the large steam sys st-iron construction specificall its former manufacturing techn essive in size and form and ex ication potential for developing eration is easy to interpret fron	tem. The item is a y manufactured for nologies now rarely xhibits a unity in its g an understanding
Conservation Policy:	· ·	
The item is to retained in its present location a hammer assemblage, the steam hammer collection	•	
Policy Implementation:		
The machine is to be stripped, all cylinders cleaned internal bare metal surfaces are to be dried and group to be cleaned and degreased using appropriate materials. All external surfaces are to be treated with a polycrystalline wax. All pipes are to be distinibitor. They may then be reconnected. All opeshould be suitably polished and coated with an appolycrystalline wax.	reased to prevent rust. All ex nethods. All superficial rust is ith an appropriate sealant suc sconnected, cleaned, dried an rating surfaces exhibiting a no	ternal surfaces are so to be removed or ch as Shell ENSIS and treated with rust bromally bright finish
Conserve in situ.		. ~
Maintenance Schedule	<u>-</u>	
Inspect all external surfaces for rust every 12 mont the implementation section. Every 5 years internal or oxidation product must be treated suitably by be sealant.	surfaces should be inspected	for rust. Any rust
interpretation:		

EVELEIGH LOCOM	OTIVE W	ORKSHOPS MACHINE	RY CONSERVATION	1996 <u> </u>
Item Name: Wall Cra	ane for Ite	m 29, Steam Hammer		Item No. 30
Name Plate:		·		
Associated Items:				
Individual				
Assemblages	\square	Steam Hammer 800CWT	2 27DE, 29, 30, 31A, 346	GH, 36G
Collection		Jib Cranes 30, 45, 46, 50), 55, 58, 76, 77, 80, 84, 1	183, 195
Systems				_
Operational Groups		Steam Hammer Shop. A	Il items in Bay 2N except	38.
Description: This sr	nall jib-cra	ne was manufactured at the	ne Eveleigh Workshops a	nd consists of
		il and a rod of steel for the		
one of the cast iron o	columns in	the Workshop. It is equip	pped with a small carriag	e which rolls o
he upper surface of t	he jib and	contains a threaded bar at	tached to the carriage by	a wish-bone.
hreaded rod, fitted w	ith a hand	le, passes through the bar	which facilitates the raisi	ng and lowerin
of a small pulley to v	vhich a se	t of tong gripping hot worl	k for manipulation under	the hammer,
ittached with a chain	sling.	**************************************	-	• • • •
				· · · · · · · · · · · · · · · · · · ·
	ed that the	jib-crane was mounted in	workshops and tempora	industy with th
team hammer	•			
-		e radius of the crane will	Location: Bay 2 North	6-7E
		nall forge and the steam		1
		sling usually in the form of		²
		ley on the lower bracket of		- - 4
	•	ssed through the chain,	, , , , , ,	⁵
	• -	s and the jib-crane is then		 8
ised to convey the nammer.	WOIK III	progress to the steam		9
iaiiiiici.			FF	10
				12
	•			13
•				15
			4A 4 3 2	
hoto: FILM N	o. 95-169	9-3-31 Photographed	and inspected Decemb	er 1995
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Conditi							
	on:					 	
he iten		d structur	al repair a	and has no ob	vious sign:	of rust.	
	J		•		,		

ignific	ance Ma		·		State His	storical Themes:	·
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
are			, (1)		Themes	☐ 13 Transport☐ 15 Utilities	
epres-						☐ 16 Industry	
ntative	×			33	į	☐ 18 Technology	
,					}	20 Government Ac	Iministration
4-4	4 - 5 0 1-		- TI 11-				
						of the Eveleigh Loco	
						e item is an integra ret from its existing	
		gree of str			i to interb	iet nom its existing	TADITO: THE RENT
VIIIDITO	a mgm uc	gree or su	uctural III	tegrity.			
			4				
				•			
onser	vation Po	licy:					
he item	n is to reta	ained in its	present l	ocation and h	e nreserve	d as part of the forg	e assemblage and
		which it b		·	c proserve	a as part of the long	c assemblage and
u, 10 00			ololigo.				
olicy l	mplemen	tation:				· · · · · · · · · · · · · · · · · · ·	
olicy l	mplemen	tation:				<u>.</u>	· .
ll exter	nal surface be remo	ces are to ved or trea	ated. All	external surfa		g appropriate metho be treated with an a	
II exterust is to	nal surface be remo	ces are to ved or trea	ated. All				
ll exter ust is to uch as	nal surface be remo Shell ENS	ces are to ved or trea	ated. All	external surfa			
ll exter est is to ech as	nal surface be remo	ces are to ved or trea	ated. All	external surfa			
ll exter ust is to uch as onserv	rnal surfac be remo Shell ENS re in situ.	ces are to ved or trea SIS fluid or	ated. All	external surfa			
ll exter ust is to uch as onserv	nal surface be remo Shell ENS	ces are to ved or trea SIS fluid or	ated. All	external surfa			
all exter ust is to uch as conserv	nal surface be remo Shell ENS re in situ.	ces are to ved or trea SIS fluid or nedule	ated. All	external surfa	ces are to		ppropriate sealant
Il exterust is to uch as conserv lainten ispect f	nal surface be remo Shell ENS re in situ. nance Sch	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as conservalainten	rnal surface be remo Shell ENS re in situ. Tance School for physicall externa	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as onservainten spect f	rnal surface be remo Shell ENS re in situ. Tance School for physicall externa	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exter ist is to uch as onserv ainten spect f spect a	nal surface be remo Shell ENS re in situ. ance School for physicall externation second	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as onservainten spect f	rnal surface be remo Shell ENS re in situ. Tance School for physicall externa	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as conserv lainten ispect f	nal surface be remo Shell ENS re in situ. ance School for physicall externation second	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as conserv lainten ispect f	nal surface be remo Shell ENS re in situ. ance School for physicall externation second	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as onservainten spect f	nal surface be remo Shell ENS re in situ. ance School for physicall externation second	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant
Il exterust is to uch as onservainten spect f	nal surface be remo Shell ENS re in situ. ance School for physicall externation second	ces are to ved or trea SIS fluid or nedule al damage	ated. All of polycrys	external surfa- talline wax.	ces are to	be treated with an a	ppropriate sealant

1996.....

Item Name: Davis ar	nd Primr	ose Steam Hammer Item No.	. 31
Name Plate:			·
Associated Items:			
Individual			
Assemblages	Ø	Steam Hammer 800CWT2 27DE, 29, 30, 31A, 34GH, 36G	
Collection	\square	Steam Hammer 28, 29, 31, 32, 54, 57	
Systems	\square	Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191	
Operational Groups	\square	Steam Hammer Shop. All items in Bay 2N except 38.	

Description: This vertical, single frame steam hammer delivers a blow of 8.5cwt (430kg). The hammer was powered by steam via an overhead steam line from the boiler headers at the south end of Bay 2. The hammer consists of a cast-iron steel frame, virtually in the form of a C.

History: The steam hammer was installed in this location in 1904. (The 1912 plan of the Eveleigh Railway Workshops SRAO EL W29) indicates a steam hammer in this precise location.

Function and Operation: The steam hammer was used for a variety of items produced for the railways. These varied from the roughing out of small axles and shafts to the production of small items which were drop-forged in spring swage sets.

The operating lever is moved with a pumping action and a skilled operator can change both the length of the blow and its rapidity. As the operation of the lever is increased in speed, the speed of the blows delivered is increased. The length of stroke is governed by the distance in which the lever is moved. The blow delivered depends both on the steam being admitted to the steam cylinder and the weight of the piston rod, the ram and the ram dye.

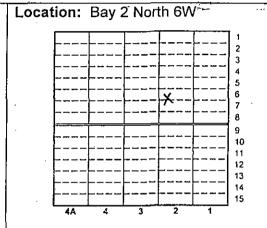
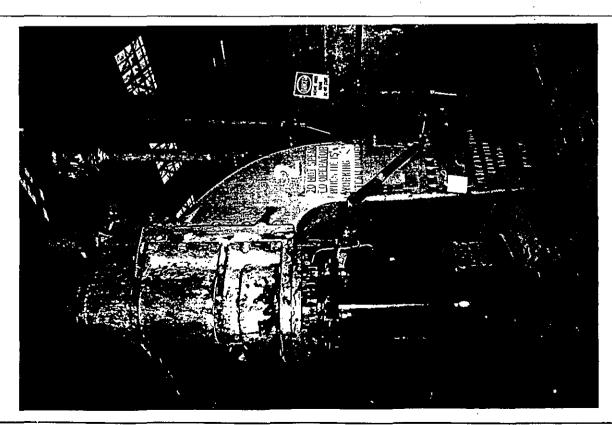


Photo:

FILM No. 95-169-3-32

Photographed and inspected December 1995



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Item Name: Davis & Primrose Steam Hammer Item No. 31					
Condition: In general, the item appears to be in operable condition the item is cleaned, serviced and tested. The externst and bare metal.	dition providing power sources are connected and rnal surface of the item has patches of superficial				
Significance Matrix Historical Aesthetic Social Technology/ Research Potential Rare 🗵 🖾 🗀 😥 Representative 🖾 🗀 🖾	State Historical Themes: Category				
Specifically manufactured for the NSW Government Railways. Statement of Significance	20 Government Administration				
The item was an integral part of the Eveleigh Loc operation for over 90 years. The item is an integral large, rare, industrial piece exhibiting massive can the NSW government railways. The item represent evident in operating workshops. The item is impredesign and detail. The item has research and educ of early engineering practice. The item and its operation in the item exhibits a high degree of structural integrity.	ral part of the large steam system. The item is a st-iron construction specifically manufactured for its former manufacturing technologies now rarely essive in size and form and exhibits a unity in its ucation potential for developing an understanding eration is easy to interpret from its existing fabric.				
Conservation Policy: The item is to retained in its present location as hammer assemblage, the steam hammer collection	·				
Policy Implementation: The machine is to be stripped, all cylinders cleaned internal bare metal surfaces are to be dried and greated to be cleaned and degreased using appropriate metaled. All external surfaces are to be treated we fluid or polycrystalline wax. All pipes are to be disinhibitor. They may then be reconnected. All ope should be suitably polished and coated with an appolycrystalline wax.	reased to prevent rust. All external surfaces are nethods. All superficial rust is to be removed or with an appropriate sealant such as Shell ENSIS sconnected, cleaned, dried and treated with rust traiting surfaces exhibiting a normally bright finish				
Conserve in situ.	·				
Maintenance Schedule					
Inspect all external surfaces for rust every 12 months the implementation section. Every 5 years internal or oxidation product must be treated suitably by be sealant.	I surfaces should be inspected for rust. Any rust				
Interpretation:					

1996___

Item Name: Davis ar	Item No.	32		
Name Plate:				
Associated Items:	<u> </u>			
Individual				
Assemblages	\square	Steam Hammer 800CWT4 32, 34BCD, 36E		
Collection	Ø	Steam Hammer 28, 29, 31, 32, 54, 57		
Systems	v	Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191	*·	
Operational Groups	$\overline{\mathbf{Q}}$	Steam Hammer Shop. All items in Bay 2N except 3	38.	

Description: This vertical, single frame steam hammer delivers a blow of 8.5cwt (430kg). The hammer was powered by steam via an overhead steam line from the boiler headers at the south end of Bay 2. The hammer consists of a cast-iron steel frame, virtually in the form of a C.

History: The steam hammer was installed in this location in 1904. (The 1912 plan of the Eveleigh Railway Workshops SRAO EL W29) indicates a steam hammer in this precise location.

for a variety of items produced for the railways. These varied from the roughing out of small axles and shafts to the production of small items which were drop-forged in spring swage sets.

The operating lever is moved with a pumping action and a skilled operator can change both the length of the blow and its rapidity. As the operation of the lever is increased in speed, the speed of the blows delivered is increased. The length of stroke is governed by the distance in which the lever is moved. The blow delivered depends both on the steam being admitted to the steam cylinder and the weight of the piston rod, the ram and the ram dye.

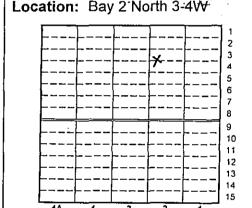
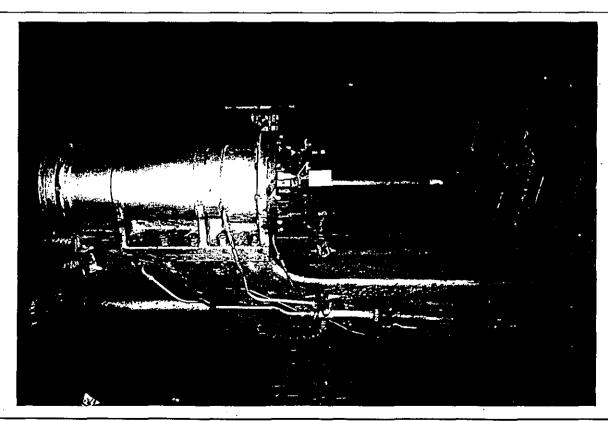


Photo:

FILM No. 95-169-3-33

Photographed and inspected December 1995



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1996____

Condition: In general, the item appears to be in operable condition providing power sources are connected the item is cleaned, serviced and tested. The external surface of the item has patches of superfrust and bare metal. Significance Matrix Historical Aesthetic Social Technology/Research Potential Category Moveable Item Industrial Rel	and
Historical Aesthetic Social Technology/ Research Category 🏻 Moveable Item 🖵 Industrial Rel Potential	
Historical Aesthetic Social Technology/ Research Category 🏻 Moveable Item 🖵 Industrial Rel Potential	
	ic
Rare 🗵 🗵 🗓 🗵 Themes 🚨 13 Transport	
☐ 15 Utilities	
Repres-	l
entative 🗵 🔲 🗵 🗵 18 Technology Specifically manufactured for the NSW	
Government Railways.	- 1
Statement of Significance	
operation for over 90 years. The item is an integral part of the large steam system. The item large, rare, industrial piece exhibiting massive cast-iron construction specifically manufactured the NSW government railways. The item represents former manufacturing technologies now ra evident in operating workshops. The item is impressive in size and form and exhibits a unity in design and detail. The item has research and education potential for developing an understand of early engineering practice. The item and its operation is easy to interpret from its existing father than the item exhibits a high degree of structural integrity.	for rely its ling
Conservation Policy:	
The item is to retained in its present location and be preserved as part of the 20CWT ste hammer assemblage, the steam hammer collection and the steam system to which it belongs.	am
Policy Implementation:	
The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked internal bare metal surfaces are to be dried and greased to prevent rust. All external surfaces to be cleaned and degreased using appropriate methods. All superficial rust is to be removed treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENtifluid or polycrystalline wax. All pipes are to be disconnected, cleaned, dried and treated with rinhibitor. They may then be reconnected. All operating surfaces exhibiting a normally bright fir should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid of polycrystalline wax.	are l or SIS ust ish
Conserve in situ.	
Maintenance Schedule	
Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended the implementation section. Every 5 years internal surfaces should be inspected for rust. Any ror oxidation product must be treated suitably by being removed and coated with an inhibitor a sealant.	ust
Interpretation:	

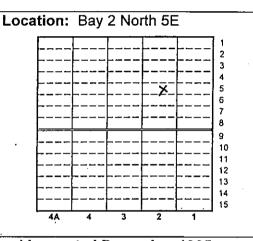
1996

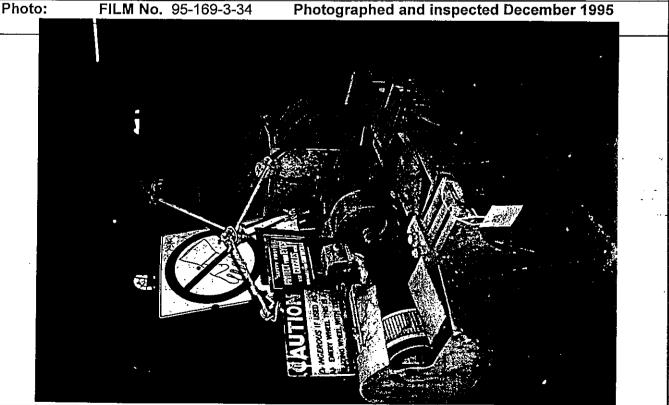
Item Name: Frazing	and Gri	nding Wheel	Item No. 33
Name Plate:	<u></u>		<u> </u>
Associated Items:			
Individual			
Assemblages			
Collection	\square	Frazing Wheels 33, 78, 82, 83, 92	
Systems			
Operational Groups	Ø	Steam Hammer Shop. All items in Bay 2N ex	kcept 38.
Description: The Fr	azing a	nd Grinding Wheel has a cast-iron frame on which	ch is mounted a sha
which holds a frazing	wheel o	n one end and a fifteen inch emery wheel on the	other. Two bearing

which holds a frazing wheel on one end and a fifteen inch emery wheel on the other. Two bearings, their beds integrated into the cast iron frame, support the shaft. A driven wheel is located in the middle of the shaft which is powered by a series of four V-belts by a one horsepower electric motor. There is no name plate information on the item but it is believed that it was cast in the Eveleigh Foundry and that the item has been produced by the Workshops.

History: The history of the item is unknown but it is likely that it dates from the time that this part of the blacksmith's shop had the steam hammer installed.

Function and Operation: The Frazing and Grinding Wheel is used for the rough cleaning of items which have been forged in the Bay 2 North. The Frazing Wheel consists of a series of hardened teeth which are parallel to the axis of the shaft. These teeth which have a pitch of about 7mm are used for the rough cleaning of hot steel as it comes from the forge.





1996-....

Item Na	ame: Fra	zing & Grir	nding Whe	eel			Item No. 33
Conditi	on:		- -	·	· · ·		
In gene	ral, the ite				dition provi	ding power sources are	e connected and
the item	ı is cleane	ed, service	d and test	ted.			
The ext	ernal surf	ace of the	item has	patches of su	perficial ru	st and bare metal.	
The pai	nted surfa	ace of the i	tem is det	teriorating.			-
Signific	ance Ma	trix			State His	storical Themes:	
	Historiçal	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	X		X	Themes	13 Transport	
Repres-						15 Utilities	
entative	×			X		☐ 16 Industry ☐ 18 Technology	
		•				20 Government Admi	nistration
being as	ssociated r assemb	with their lage. The	operation item evid	for over 60 y	years. The ersatility of	of the Eveleigh Locomo e item is an integral pa the workshops in the tural integrity.	art of the steam
Conser	vation Po	olicy:			·. <u></u>	<u> </u>	
			•	nt location ar ion to which i	•	served as part of the	steam hammer
		-	-	being cleane edules given		d and maintained ac	cording to the
Policy I	mplemen	tation:				<u></u>	
rust is to	be remo	ved or trea	ated. All e			g appropriate methods be treated with an app	
abrasive	or steel	brushing.	Remnant		e treated v	blasting using a limes with an inhibitor and fin alline wax.	
Conserv	e in situ.						
Mainten	ance Scl	redule					
		al surfaces n section.	for rust e	every 12 mont	ths. Where	e necessary, coat as re	ecommended in
Interpre	tation:		······································				
							ļ. <u> </u>
						•	

1996

	ICKS DCMCC	n the Colu	mns			Item No. 34A-I
Name Plate:						
Associated Items:			,			
Individual						
Assemblages		Steam Ha	mmer 20 CWI	⁻ 46, 47, 57, 66	Ε	
Collection		Hand tools	s/ Racks 34A-	L, 36A-D, 62A-F	E, 66A-H, 7	'1, 100A-D,
		102A-D				
Systems		_			•	
Operational Groups		Steam Ha	mmer Shop. 🖊	All items in Bay	2N except	38.
Description: Tool ra	icks were fo	rmed by n	nounting vertic	al iron or steel	oars adjace	ent to the cen
line of the cast-iron o						
them. In many case:		_		_		•
acted as the racks. E				• •		•
of various shapes, sw	ages and fu	llers with	steel handles a	and spring swag	e sets.	•
					<u> </u>	· ·
History: The history	of the rack	s is not k	nown but the	y certainly appe	ear in símil	ar form in ea
photographs of the we	orkshops (M	LGBO Vid	leo Disc 1 066	79SS1884).	•	, ,,,,,
	•					 _
Function and Opera					ay 2 North	2-7
hold tools and poss	ibly other s	mall item	s used in the	∍		
workshops.						
	•					
						•
				·		
	•					
				<u> </u>		
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item No. Item Name: Tool Racks Between Columns 34A-L Condition: The item is in good/excellent operating condition. The external surface of the item has patches of superficial rust and bare metal. Significance Matrix State Historical Themes: Historical Aesthetic Social Technology/ ☐ Industrial Relic ☐ Moveable Item Research Category **Potential** Themes ☐ 13 Transport Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ☐ 18 Technology ☐ 20 Government Administration Statement of Significance: The item was an integral part of the Eveleigh Locomotive-Workshops being associated with their operation for over 20 years. The item is an integral part of the steam hammer and oliver systems. The item represents former manufacturing technologies now rarely evident in operating workshops. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item and its operation is easy to interpret from its existing

Conservation Policy:

fabric.

The item is to retained in its present location and be preserved as part of the steam hammer assemblage, and hand tool collections.

Policy Implementation:

All items which are not being used in the present operations in Bays 1 & 2 South should have all external surfaces cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax.

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.

Interpretation:

1996___

Item Name: Hot Metal Circular Saw	Item No. 35
Name Plate:	
Associated Items:	
Individual	
Assemblages □	
Collection	
Systems	
Operational Groups Steam Hammer Shop. All items in Bay 2N exce	pt 38.
Description: This small, circular saw has a cast-iron frame and bed and is mo	unted at the south
end of Bay 2 North. It is powered by an elevated electric motor which is mount	ed on the adjacent
column and powers the saw through a fabric belt. It would appear that the saw	
in this position for some time and it is probable that it was originally driven by	a belt from the line
shaft.	
Listance The history of the item is unknown but it is helioused to have been in this	location since the
History: The history of the item is unknown but it is believed to have been in this steam hammer shop was established. The item appears in the plan of the Evel	
1912 (SRAO ELW 29).	sign vvoiksnops in
1012 (01010 ELVV 20).	
Function and Operation: Location: Bay 2 No	rth 7W
Used for cutting hot steel - and for this purpose has an	1 .
unusually thick blade.	2
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 4
	5 6
	X
	8 9
	10
	11 12
	13
	15
4A 4 3	2 1
Photo: FILM No. 95-169-3-36 Photographed and inspected Dece	mber 1995
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1996-

Item N	Item Name: Hot Metal Circular Saw Item No. 35						Item No. 35	
Condit	Condition:							
In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested.								
The ext	The external surface of the item has patches of superficial rust and bare metal.							
The pai	inted surfa	ace of the i	item is de	teriorating.			∞	
Signific	cance Ma	trix			State His	storical Themes:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	_	Industrial Relic	
Rare	×	Ø		X	Themes	☐ 13 Transport☐ 15 Utilities		
Repres- entative	×		П	×	·	☐ 16 Industry	···	
entative		_	_	<u></u>	!	☐ 18 Technology ☐ 20 Government Admi	inistration	
being a hamme	ssociated r assemb	with their lage. The	operation item evid	n for over 60 y	years. The	of the Eveleigh Locomore item is an integral parties in the tural integrity.	art of the steam	
Conser	vation Po	olicy:					· ·	
The iter	m is to re	etained in	•	nt location ar tion to which i	•	served as part of the	steam hammer	
ł		•	•	being cleane nedules given		d and maintained ad	ccording to the	
Policy I	mplemer	itation:	· ·-					
rust is to	o be remo	ved or tre	ated. All	-		g appropriate methods be treated with an app	-	
abrasive	or steel	brushing.	Remnant		e treated v	blasting using a lime with an inhibitor and fin alline wax.		
Mainter	nance Scl	hedule					_	
		al surfaces		every 12 mon	ths. Wher	e necessary, coat as re	ecommended in	
	omontatio	ir ocodicii.						
	4-41					<u> </u>		
interpre	etation:							
							.	

1996_-

	: Tool Racks Po	lable			Item No. 36A-F
Name Plate					1 00/ (-1
Associated	Items:				
Individual	.				
Assemblage	es 🗆	Steam Ham	nmer 20 CWT 46,	47, 57, 66E	
Collection		Hand tools/ 102A-D	Racks 34A-L, 36	A-D, 62A-E, 66A-	H, 71, 100A-D,
Systems	u ,				
Operational	Groups 🔲	Steam Ham	ımer Shop. All ite	ms in Bay 2N exce	ept 38.
and spring f Y-shaped e	fullers and swage nds and three ho	es. They are ge prizontal bars. I	enerally formed fro	ay 2 North which hem bar steel and controls hooks have been gover the bar.	onsist of converte
History: Th	e history of the it	tems is unknowr	but it would appe	ear that they are of	early construction
series of too advantage o move them and to provi	nd Operation: ols for use by the of these tool race from one location de ready access forging operation	ks is that it wan n in the workshort to different type	forging. The spossible to op to another	ocation: Bay 2 No	orth 1-7
			,		
•					
Photo:	FILM No. 95-	169-1-3 F	Photographed an	d inspected Dece	ember 1995
		· · · · · · · · · · · · · · · · · · ·		·	
	•			27	
				157 157 158 150 150 150 150 150 150 150 150 150 150	
	Photo	ograph to	Come.		
	Photo	ograph to	Come.		
	Photo	ograph to	Om6.		
	Photo	ograph to	Come.		_
	Photo	ograph to	Ome.		
	Photo	ograph to	(OM 6		_
	Photo	ograph to	OM6.		
	Photo	ograph to	COME.		
	Photo	ograph to	Ome.		_

1996____

Item Name:	Tool Racks - I	ortable	,			Item No. 36A-F
Condition:		<u> </u>				
The item is in	good/exceller	it operatir	ng condition.			ļ
The external	surface of the	item has	patches of su	perficial ru	st and bare metal.	
Significance Histo		Social	Technology/ Research	State His	storical Themes:	Industrial Relic
Paus 🗖			Potential	Themes	☐ 13 Transport	i ilidustrial Kelic
Rare 📙		Cust	. u		15 Utilities	
Repres- entative					16 Industry	
entative 🗀	Щ		L		☐ 18 Technology ☐ 20 Government Adm	***
being association being associated by the being as the being	ated with their oliver systems perating works	operations. The its	i for over 20 j em represent The item evid	years. The s former named dences the	of the Eveleigh Locome e item is an integral p nanufacturing technolo e versatility of the wo on is easy to interpret	art of the steam ogies now rarely orkshops in the
Conservatio	n Policy:					
	to retained in and hand tool	•		nd be pres	served as part of the	steam hammer
Policy Imple	mentation:	·		<u></u>		
external surfaremoved or t	aces cleaned a	and degre ternal sur	ased using a faces are to	ppropriate	s in Bays 1 & 2 South methods. All superfic I with an appropriate	cial rust is to be
					·	
Maintenance	Schedule			 		
	ternal surfaces tation section.	for rust e	every 12 mont	ths. Where	e necessary, coat as r	ecommended in -
						· <u> </u>
Interpretatio	n:					
						<u>-1</u>
						1
						Ì

1996-

item Name: Be	nches for Mould	s, Dyes, Templates	and loois.	Item No. 37A-I
Name Plate:				10774
Associated Iten	ns:			
Individual	_ , .			•
Assemblages	I	Steam Hammer 20	CWT 46, 47, 57, 66E	
Collection		•		
Systems		a: a.		.~ <u>~</u>
Operational Gro			nop. All items in Bay 2N o	
made from angl braced by diago	e steel and ang nal strap steel	le steel rails which at each end. The	nd construction but norman in hold sheet steel shelve dyes, moulds and templated forging operations that to	es. They are normal ates on them were f
History:				++ +2
		•	•	
			•	
F 4:		<u> </u>	1 t D t	2 11 - 41 - 4 - 0
Function and O	peration:		Location: Bay 2	2 NORD 1-6
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Photo: FI	LM No. 95-169	-1-4 Photogr	raphed and inspected D	ecember 1995
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1996

ltem Na	ime: Rad	cks for Moul	ds, Dies,	Templates &	Tools		Item No. 37A-I
Conditi	on:	 	- -				_1
The iten	ns are in	good/excelle	ent opera	ting conditior	1.	,	•
The exte	ernal surf	ace of the it	ems have	e patches of	superficial	rust and bare metal.	
Signific	ance Ma	trix	 		State His	storical Themes:	••*
_	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	
Repres-			\Box			☐ 16 Industry	
entative	Ц					18 Technology	·
				<u> </u>	<u></u>	20 Government Adm	inistration
of the strarely ev	team har vident in cture of t	nmer assen operating w	nblage. orkshops	The items re . The items	present fo evidence	years. The items are ormer manufacturing to the versatility of the vo operation is easy to i	echnologies now workshops in the
Conser	vation Po	olicy:					
		be retained hand tool c	•		n and be p	reserved as part of the	e steam hammer
Policy li	mplemer	ntation:		<u> ·</u> _			
external removed	surfaces l or treat	cleaned ar	nd degrea ernal surf	ased using a faces are to	opropriate	s in Bays 1 & 2 South methods. All superfi d with an appropriate	cial rust is to be
		L	· ———	····		<u>-</u>	
viainten	ance Scl	nedule					
		al surfaces t on section.	or rust e	very 12 mont	hs. Wher	e necessary, coat as r	ecommended in
							[
					•		·· • ·
nterpre	tation:		<u> </u>				
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							·-
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	-						_
				•			* • • • • • • • • • • • • • • • • • • •
				•			

1996....

Item Name: Lathe Bed	Item No. 38
Name Plate:	
Associated Items: Individual Assemblages Collection Lathes 38, 107, 109, 131, 141, 167, 16 Systems Operational Groups Description: This extremely heavy lathe bed, partial headstock and remains of one of the oldest lathes in the workshop. The bed is in excapout 400mm wide and 800mm high. The ways of the bed are machine is now at the western extremity. There is no real indication of the type of which it operated.	partial tail stock is all that cess of four metres long, is ed cast iron. The tail stock
History: The lathe was manufactured for the New South Wales Gove Company of Manchester, England, in 1883. It was installed in the works that this was its original location and it does not appear on the 1912 draw	shops in 1887. It is unlikely
Function and Operation: The function and operation of the lathe are unknown. Location: E	Bay 2 North 1W
Photo: FILM No. 95-169-1-5 Photographed and inspect	ed December 1995

	me: Lath	ne Bed				Ite	m No. 38
Conditio	on:	······································		<u> </u>	•		
In genera	al the ite	m appears	s to be inc	complete and	not operat	ole because of missing com	ponents
				·	·		ponento.
The exte	rnal surfa	ace of the i	item has	patches of su	perficial ru	st and bare metal.	
_	ance Mat				State His	storical Themes:	
•	Historical	Aesthetic	Social ,	Technology/ Research	Category	☐ Moveable Item ☐ Indu	strial Relic
Rare	×	×	×	Potential	Themes	☐ 13 Transport	
Repres-						15 Utilities	
entative	×			Œ	İ	☐ 16 Industry	
	•					18 Technology	-4*
		nificance				20 Government Administra	ation
		which had	general e		oplication.	strial piece exhibiting massing The item has research and practice.	
otential		which had oping an u	general e	engineering a	oplication.	The item has research and	
ootential Conserv	for devel	which had oping an u	general e nderstan	engineering and ding of early e	oplication.	The item has research and	
Conserv The item	ation Po	which had oping an ulicy: licy: lined in its be preser	general e inderstan present le	engineering and ding of early expenses of early	oplication. engineering d, service	The item has research and	d education
Conserv The item mplemer	ation Po	which had loping an unlicy: lined in its be preserned mainten	general e inderstan present le	engineering and ding of early expenses of early expenses ocation.	oplication. engineering d, service	The item has research and g practice.	d education
Conserv The item The item mplemer	ation Po is to reta n is to ntation ar nplemen nal surfact	licy: lined in its be presented maintented tation: ces are to ved or trea	present id ved by lance sch	engineering and ding of early expected and degree	oplication. engineering d, service below.	The item has research and g practice.	d education
Conserv The item The item mplemer Colicy In All externust is to such as S	ation Po is to reta n is to ntation ar nplemen nal surface be remove	licy: lined in its be presented maintented tation: ces are to ved or trea	present id ved by lance sch	engineering and ding of early expension. being cleaned edules given to early expension.	oplication. engineering d, service below.	The item has research and practice. d and maintained according appropriate methods. All	d education
Conservence Conser	ation Po is to reta n is to ntation ar nplemen nal surface be remove	which had loping an unlicy: lined in its be presented maintented tation: less are to wed or treated or treated to the presented tation.	present id ved by lance sch	engineering and ding of early expension. being cleaned edules given to early expension.	oplication. engineering d, service below.	The item has research and practice. d and maintained according appropriate methods. All	d education

1996-

	ench with 6-inch Vice				Item No. 39
Name Plate:					<u> </u>
Associated Items:					
Individual					
Assemblages	- .				
Collection					
Systems	Oneine Ch	on 100 105 1	10 157 150	. 101	حيد
Operational Groups		nop 123-125, 14			· · · · · · · · · · · · · · · · · · ·
very heavy forged v	workbench is an extre ice.	emely solid timb	er bench w	ith a sheet-si	teel cover and
	h was of the pattern t s were used right throu				
Function and Ope	ration: The bench co	uld be used for	Location	: Bav 2 North	n 5 East
	operations, the sh			,	
preventing damage	to the wood. The two	drawers to the		•	-
front were normally	used for storing bench	tools.			
			,		•
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			,		
Photo: FILM	No. 95-169-1-6	Photographe	d and inspe	ected Decem	ber 1995
Photo: FiLM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FiLM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6	Photographed	d and inspe	ected Decem	ber 1995
Photo: FILM				ected Decem	ber 1995
Photo: FiLM				ected Decem	ber 1995
Photo: FILM	No. 95-169-1-6			ected Decem	ber 1995
Photo: FiLM				ected Decem	ber 1995
Photo: FiLM				ected Decem	ber 1995
Photo: FiLM				ected Decem	ber 1995
Photo: FiLM				ected Decem	ber 1995
Photo: FILM				ected Decem	ber 1995
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Photo: FiLM				ected Decem	ber 1995
Photo: FILM				ected Decem	ber 1995
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Photo: FiLM				ected Decem	ber 1995
Photo: FILM				ected Decem	ber 1995

1996___

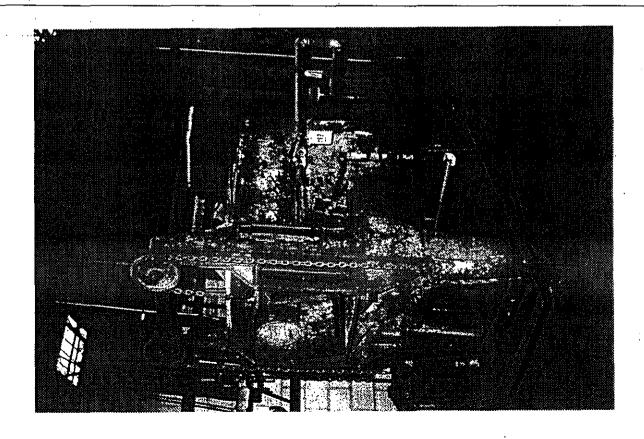
Item Na	me: Wor	k Bench (Γimber) V	Vith 6" Vice			Item	No. 39
Conditi	on:				<u>,</u>		_ 	· · · · · · · · · · · · · · · · · · ·
The item	n is in god	d/excellen	t operatir	ng condition.				
The exte	ernal surfa	ace of the i	tem has	patches of su	perficial ru	st and bare metal.		
Signific	ance Mat	rix Aesthetic	Social	Technology/	State His	storical Themes:	-47	
	пізіопсаі	Aestriede	Journal	Research Potential	Category	Moveable Item	☐ Indus	trial Relic
Rare					Themes	☐ 13 Transport ☐ 15 Utilities		
Repres-	_	_		_		☐ 16 Industry		•
entative	L	ч		U		☐ 18 Technology		
						20 Government A	<u> </u>	
being as	ssociated	with their age. The	operation	for over 20	years. The	of the Eveleigh Loc e item is an integra turing technologies	al part of	the steam
Conserv	vation Po	licy:						
		tained in hand tool			nd be pres	served as part of	the stean	n hammer
Policy li	mplemen	tation:		· · · · · · · · · · · · · · · · · · ·				<u></u>
external removed	surfaces l or treate	cleaned a	nd degre ternal su	eased using a rfaces are to	ppropriate	in Bays 1 & 2 So methods. All sup I with an appropria	erficial rus	st is to be
						•		
Mainten	ance Sch	adule.					·	· · · · · ·
		al surfaces n section.	for rust e	every 12 mont	ths. Where	e necessary, coat a	as recomr	mended in
			•					
						•		
Interpre	tation					 _		
urethie	tati∪∏.			•				
					•		•-	•
				•				
ODDEN	IMACKA	VDTVI	TD 79.0	SEODOE ST	DENCC	RN NSW 2016 PI	I. (00) 0	10.4044

Item Name: The Dual Grinder		tem No. 40
Name Plate:		
Associated Items:		-
Individual 🗆		
Assemblages 🗅		
Collection		
Systems O O O O O O O O O O O O		:
Operational Groups 🔟 Steam Hammer Shop. All ite		
Description: This grinder is similar to several others workshops. It consists of a cast-iron frame which holds two the shaft. On the ends of the main shaft are mounted a very cabout 400mm in diameter. Very heavy tool rests bolted to slowheels are direct driven from a one horsepower motor mountrial V-belts. A simple, on-off switch in a sheet metal cabinet is	pearing blocks which sup oarse and a coarse gring ts in the cast frame are p ted on the back of the ca	pport the main iding wheel of provided. The ast-iron frame
History: The history of the item is unknown but it appears the from a line-shaft. It does not appear on any of the historic procession is unknown.		
Function and Operation: The grinding wheel which L	ocation: Bay 2 North 2	w
operated at very high speed was used for the sharpening	· · · · · · · · · · · · · · · · · · ·	1
and grinding of tools rather than the grinding of items		2
which had been formed on the forge.	 	3
		5
		7
		8 9
	<u> </u>	10
		11 12
·		13
•		14
	4A 4 3 2	1
Photo: FILM No. 95-169-1-7 Photographed ar	nd inspected December	r 1995
DO NOT WEAR VES		
in the same		
- 以 我说:		

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item Name: Dual Grinder Item No. 40 Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. The painted surface of the item is deteriorating. Significance Matrix State Historical Themes: Historical Aesthetic Social Technology/ ☐ Moveable Item Research Category ☐ Industrial Relic **Potential** ☐ 13 Transport Themes × Rare X X ☐ 15 Utilities Repres-☐ 16 Industry entative X X ☐ 18 Technology ☐ 20 Government Administration Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 60 years. The item is an integral part of the steam hammer assemblage. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to retained in its present location and be preserved as part of the steam hammer assemblage and frazing wheel collection to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A heavily rusted surface should be cleaned with abrasive blasting using a limestone or similar abrasive or steel brushing. Remnant rust should be treated with an inhibitor and finally coated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.

Interpretation:

EVELEIGH L	OCOMO H	VE WORKSHOPS MACHINER	RY CONSERVATION	1996
Item Name:	Furnace			Item No. 198
Name Plate:	N/A			
Associated I	Items:			
Individual				
Assemblage		•		
System				
Collection	☑	Furnaces 47, 48, 53, 56, 59, 79, 159, 161, 198	9, 86, 95, 97, 99, 106, 110), 111, 129,
Operational C	Groups ☑	Steam Hammer Shop. All items	s in Bay 2N except 38.	· .
framed door f the steam ha	fitted with two	gas-fired, steel-framed and fire counter weights. The furnace we item is not known and it does not be steen in the steel and it does not be steen in the steel and it does not be steen in the steel and it does not be steel	vas used for heating items	s to be forged in
				· · ·
		: The furnace is side heated		6 West
opened simpl were placed i be thoroughly	y by lifting fro in side, possi	as no baffles. The door was om the front. Items to be heated ably for periods up to 4 hours, to to being worked.		1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 1
Photo:	FILM No. 9	95-169-6-27 Photographed	and inspected Decemb	er 1995



connecte exhibits h	d and the				operable	condition providing po	Wer sources are
	ably been	•	s. The c			e item will need some i urce is unknown and th	epair. The item
Significa	nce Matr	ix		<u> </u>	State His	storical Themes:	
1	listorical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare				Potential	Themes	☐ 13 Transport	•
Repres-					1	15 Utilities	•
entative	×			×		16 Industry	
						☐ 18 Technology ☐ 20 Government Admi	niefration
Statomou	nt of Sign	ificano			·		
Conserva	ation Poli	icy:					
The item	is to reta	ined in it	•	location and lection systen	•	ved and retained as pait belongs.	art of the steam
				being cleane edules given		ed and maintained ac	cording to the
Policy Im	plementa	ation:					
ust is to l	be remove	ed or trea	ated. All	_		g appropriate methods be treated with an app	•
All pipes a econnect		disconne	ected, cle	aned, dried a	nd treated	with rust inhibitor. The	ey may then be
Conserve	in situ.						
laintena	nce Sche	dule		_ 			
		surfaces	for rust e	very 5 years.	Where ne	ecessary, treat as recor	nmended in the
nspect all	l external tation sec						
nspect all							

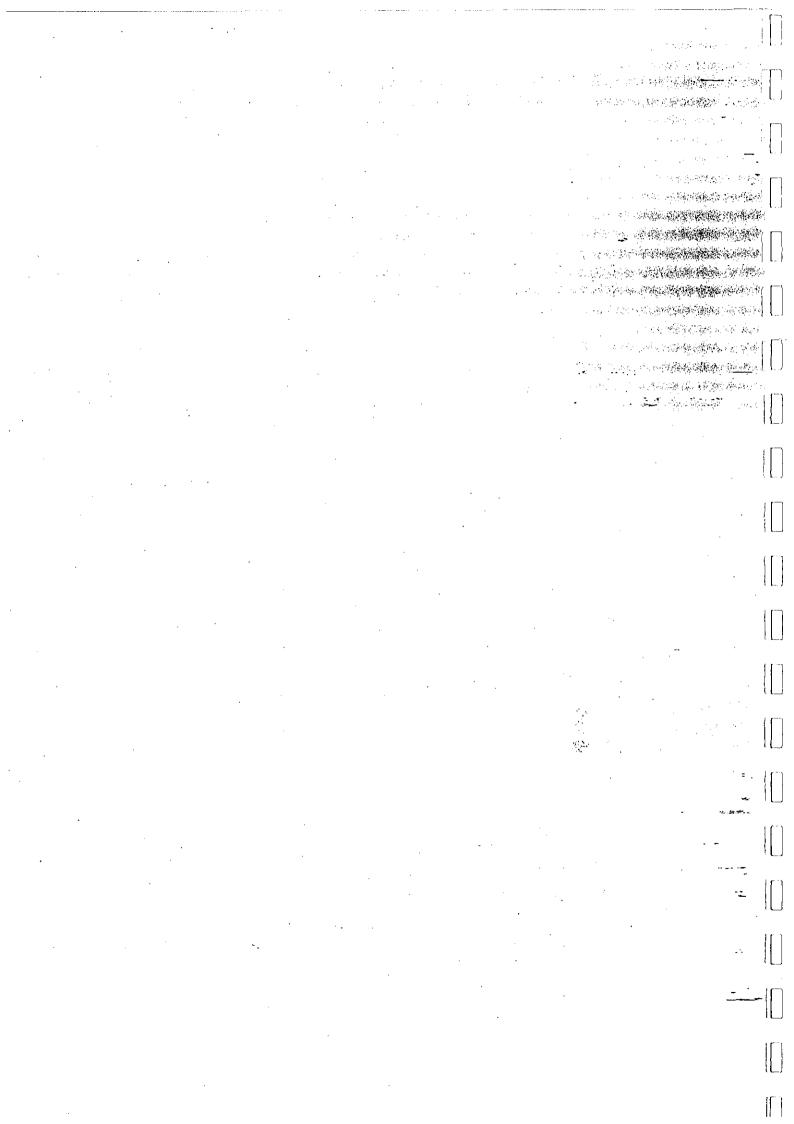
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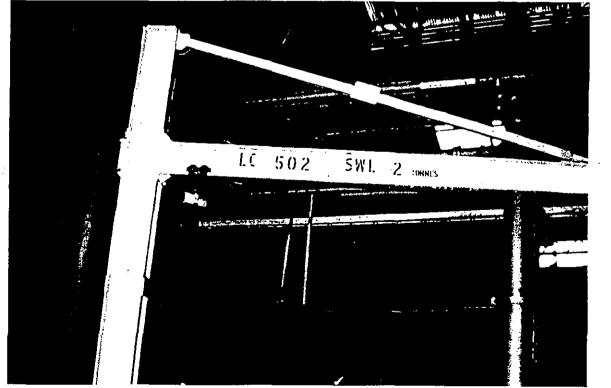
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BAY 2 SOUTH



1996

· · · · · · · · · · · · · · · · · · ·			
Item Name: 2-Ton Jib Crane		Item No.	76
Name Plate:		· ·	
Associated Items: Individual Assemblage Collection System Operational Group Description: This is a small, relatively modern Jib-Crane with the workshop closed down.	vith a capacity of 2 tonne.		fore
Function and Operation: The item has a small carriage and was operated by hand.	Location: Bay 2 South		
Photo: FILM No. 95-169-2-8 Photographed	and inspected Decemb	er 1995	



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996....

Conditio		Jib Cra	ine			•	Item No. 76
Contain	on:	<u> </u>		· · · · · · · · · · · · · · · · · · ·			
The item	is in good	structu	ral repair	and has no ob	vious sign	s of rust.	
	ance Matri Historical A	X vesthetic	Social	Technology/ Research Potential	State His	storical Themes:	Industrial Relic
Rare Repres-			. 🗖		Themes	☐ 13 Transport☐ 15 Utilities☐	
entative	X			×		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Adm	inistration
eing as assembla	sociated w	ith their item ar	operation	n for over 30 eration is easy	years. Th	of the Eveleigh Locomie item is an integral ret from its existing f	part-of the forge
Conserv	ation Polic	:v:					
he item		ed in its		location and b	e preserve	d as part of the forge	assemblage and
Policy In	nplementa	tion:					
ust is to	be remove	d or tre	ated. All	-		g appropriate methods be treated with an app	•
ust is to uch as S	be remove Shell ENSIS	d or tre	ated. All	external surfa			•
ust is to uch as \$	be remove Shell ENSIS	d or tre	ated. All	external surfa			•
ust is to uch as { · Conserve	be remove Shell ENSIS	d or tre S fluid o	ated. All	external surfa			•
ust is to uch as s conserve	be remove Shell ENSIS in situ.	d or tre S fluid o	ated. All r polycrys	external surfactalline wax.	ces are to		propriate sealant
ust is to uch as S Conserve Maintena	be remove Shell ENSIS e in situ. ance Scheo	d or tre S fluid o dule damage	ated. All r polycrys	external surfactalline wax.	ces are to	be treated with an app	ir as necessary.
ust is to such as Someone Conserve	be remove Shell ENSIS in situ. Ince Scheen or physical of	d or tre S fluid o dule damage	ated. All r polycrys	external surfactalline wax.	ces are to	be treated with an app	ir as necessary.
ust is to uch as Sconserve	be remove Shell ENSIS in situ. ance Scheet or physical of the external section section	d or tre S fluid o dule damage	ated. All r polycrys	external surfactalline wax.	ces are to	be treated with an app	ir as necessary.
ust is to such as S Conserve Maintenanspect for the such as the s	be remove Shell ENSIS in situ. ance Scheet or physical of the external section section	d or tre S fluid o dule damage	ated. All r polycrys	external surfactalline wax.	ces are to	be treated with an app	ir as necessary.

1996-

Item Name: One Tonne Jib-Crane		Item No. 77
Name Plate:		
Associated Items: Individual Assemblage Collection System Operational Group Description: This small hand operated crane, like other the wall is staid to the overhead crane rail beam. It consumiversal section jib which is staid by a twin back-to-back and the overhead crane rail beam.	jib cranes which are loca ists of a universal section	ated away from h king post and
History:		_
Function and Operation: The crane was formerly fitted with a hand operated block and tackle and the operation was done by hand.	Location: Bay 2 South	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Photo: FILM No. 95.169.2.9 Photographed	and inspected December	er 1995

1996 ---

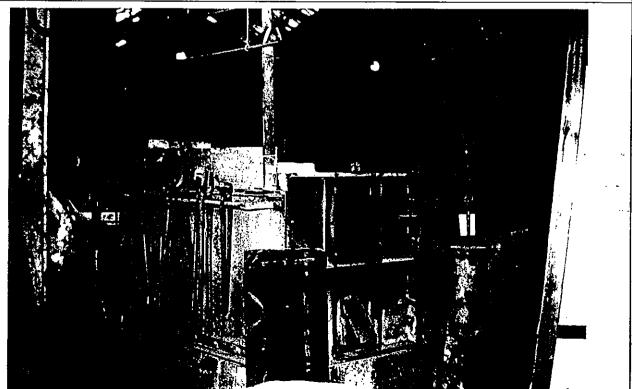
Item Name: 1 Ton Jib Crane	Item No. 77
Condition:	
The item is in good structural repair and has no o	bvious signs of rust.
Significance Matrix Historical Aesthetic Social Technology/ Research Potential	State Historical Themes: Category
Rare 🔲 🗀 🖸	Themes
Repres- entative 🗵 🔲 🗵	☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration
	tegral part of the Eveleigh Locomotive Workshops years. The item is an integral part of the forge sy to interpret from its existing fabric. The item
Conservation Policy:	
The item is to retained in its present location and crane collection to which it belongs.	be preserved as part of the forge assemblage and
·	
Policy Implementation:	
_	reased using appropriate methods. All superficial aces are to be treated with an appropriate sealant
Conserve in situ.	
Maintenance Schedule	
Inspect for physical damage and deterioration eve	ery 12 months and implement repair as necessary.
Inspect all external surfaces for rust every 5 years implementation section.	s. Where necessary, treat as recommended in the
Interpretation:	

tem Name: Frazing	Wheel and Saw			Item No. 78
Name Plate:				
Associated Items:				
ndividual	_ .			
\ssemblage	ο,	,		
Collection	☑ Frazing Wheels:	33, 78, 82, 83, 92		
System				-a**
perational Group		•		,
	razing Wheel was man	ufactured by the we	orkshops and cons	sists of a cast in
teel frame which su	pports two bearing block id saw were mounted.	ks. The bearing blo	ck supports the m	ain shaft on whi
	ry of the item is unkno It was certainly in anoth			
				77 km
unction and Ope	-		cation: 2 South 1	12 West
	ough trimming of hot n			
aw was probably us	ed for trimming hot meta	al pieces.		
		Ì		
			,	
•			•	
	•		,	
	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
hoto <u>: FILM I</u>	No. 95-169-2-10 F	Photographed and	inspected Decer	mber 1995
101.				
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		7.572		
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	of the state of th		and of	
195				
			H	
				1.00

Item Na	me: Fraz	ing Whee	I & Saw	· .			Item No. 78
				-	dition provi	ding power sources are	e connected and
The exte	ernal surfa	ice of the	item has p	oatches of su	perficial ru	st and bare metal.	
The pain	ited surfac	ce of the i	tem is det	eriorating.			and ^a b
Significa	ance Mat	riy			State His	storical Themes:	
o igiiii o	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic
Rare	×	×		×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-						15 Othlities 16 Industry	
entative	×			×		☐ 18 Technology.	
						20 Government Admi	nistration
tools and		s. The ite		i i	-	the workshops in the tural integrity.	
The item which it be		ined in its	present lo	ocation and b	e preserve	ed as part of frazing wh	eel collection to
		•	•	peing cleane edules given		d and maintained ac	cording to the
Policy In	nplement	ation:		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
rust is to such as abrasive treated w	be remov Shell ENS blasting u	ed or treased of the second of	ated. All e r polycrys nestone o	external surfa stalline wax. r similar abra	ces are to A heavily i sive or ste	g appropriate methods be treated with an app rusted surface should l eel brushing. Remnant e sealant such as Shel	ropriate sealant be cleaned with t rust should be
Mainten	ance Sch	edule		· · ·			
	all externa ementation		for rust e	very 12 mont	hs. Where	e necessary, coat as re	ecommended in
Conserve	e in situ.						
						•	
Interpret	tation:	·				=	
•						•	
	•					• '	

1996___

Item No. 79 Item Name: Furnace for the Aiax Forming Machine Name Plate: Associated Items: Individual Ø Ajax 79, 80, 81, 82, 100C Assemblage Furnaces 47, 48, 53, 56, 59, 79, 86, 95, 97, 99, 106, 110, 111, 129, Image: section of the sec Collection 159, 161, 198 System Operational Group Description: This small gas-fired furnace is steel framed and mounted on a brick plinth. The steel-framed front door is counter-balanced with two heavy weights which consist of concrete cord in sections of pipe. History: The history of the item is not known but it appears to have been departmental built and mounted in this position for some years. Location: Bay 2 South 12-West Function and Operation: The item was used for heating sections before being formed in the Ajax Forming Machine. The precise method of operation is unknown. Photo: FILM No. 95-169-2-11 Photographed and inspected December 1995

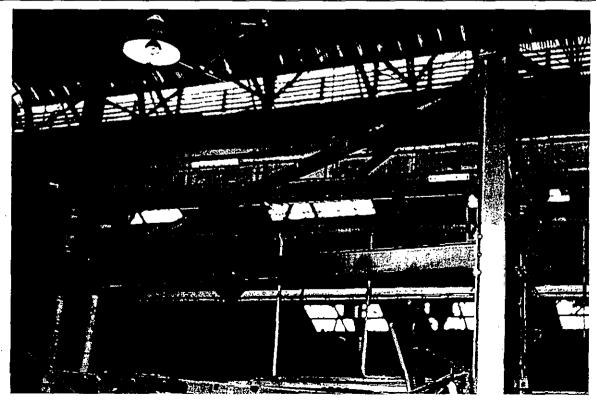


1996 ----

							14 11- 70	
Item Na	ame: ⊦ur	nace for A	ax	•			Item No. 79	-
Conditi	ion: In a	eneral the	item and	pears to be in	operable	condition providing po	Wer sources are	_
						e item will need some		
						urce is unknown and th		
1	_	en disconne			'		•	
	,							
							*	ľ
Signific	cance Ma	trix			State Hi	storical Themes:		7.
	Historical	Aesthetic	Social	Technology/				-
		•		Research Potential	Category	☐ Moveable Item ☐	Industrial Relic	
Rare			Ö		Themes	☐ 13 Transport		ŀ
''	_			_		☐ 15 Utilities		
Repres-						☐ 16 Industry		
entative	×	. 🗖		×		☐ 18 Technology		
1					<u> </u>	20 Government Adm	inistration	\ _
						20 Government Adm		╛
Statem	ent of Sig	gnificance				-		
The iter	n was an	integral n	art of the	Eveleigh Lo	comotive \	Vorkshops being asso	ciated with their	-
						e hydraulic press asser		
"	, .5, 5,0	. oo yours.		an intogra				
i					•			1
Conser	vation Po	olicy:						1
1		•					^	.
1			-		•	rved and retained as	part of the Ajax	
assemb	rage and	turnace co	liection sy	stem to which	it belong:	5.		1
The ite	m is to	be preser	ved by	being cleane	d, service	d and maintained ad	cording to the	.
impleme	entation a	nd mainter	ance sch	edules given	below.			
Policy I	mplemer	ntation:				•		
						g appropriate methods		
					ces are to	be treated with an app	ropriate sealant	
such as	Shell EN	SIS fluid or	polycrysi	talline wax.				
						•		1
						•		i
			•				•	
		•						1
Mainten	ance Scl	hedule				· · · · · · · · · · · · · · · · · · ·		-
mannell	iațio e oci	neuule						
Inspect a	all externa	al surfaces	for rust e	verv 5 vears	Where ne	cessary, treat as recor	nmended in the	
	intation se			, o ,oa.o.	71,1010 110	Julian, would an ioool		
	,						•	1
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Interpre	tation:	N						1
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								1

1996

Item Name: Jib-Crane		Item No. 80	0
Name Plate:			
Associated Items: Individual □ Assemblage □ Collection ☑ Jib Cranes 30, 45, 46, 50, 55, 5	8, 76, 77, 80, 84, 183, 19	95	
Operational Group	2	~ *	
Description: This small hand operated crane, like other the wall is staid to the overhead crane rail beam. It consi universal section jib which is staid by a twin back-to-back ar	sts of a universal section	n king post a	
History:	·		
Function and Operation: The crane was formerly fitted with a hand operated block and tackle and the operation was done by hand.	Location: Bay 2 South	11 West 1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 2 1	
Photo: FILM No. 95-169-2-12 Photographed	and inspected Decemb	er 1995	



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1996----

The item is in good structural repair and has no obvious signs Gignificance Matrix Historical Aesthetic Social Technology/ Research Potential Themes Themes Themes Itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The ssemblage. The item and its operation is easy to interpret	torical Themes: Moveable Item Industrial Relic 13 Transport 15 Utilities 16 Industry 18 Technology 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
State Historical Aesthetic Social Technology/Research Potential Themes epres- ntative itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The	torical Themes: Moveable Item Industrial Relic 13 Transport 15 Utilities 16 Industry 18 Technology 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
Historical Aesthetic Social Technology/Research Potential Themes epres- ntative Itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The	☐ Moveable Item ☐ Industrial Relic ☐ 13 Transport ☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
Research Potential Themes epres- ntative Itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The	☐ 13 Transport ☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration f the Eveleigh Locomotive Workshops item is an integral part of the forge
epres- ntative Itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The	☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
ntative Itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The	☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
ntative Itatement of Significance: The item was an integral part of eing associated with their operation for over 30 years. The	☐ 18 Technology ☐ 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
eing associated with their operation for over 30 years. The	☐ 20 Government Administration f the Eveleigh Locomotive Workshops e item is an integral part of the forge
eing associated with their operation for over 30 years. The	e item is an integral part of-the forge
xhibits a high degree of structural integrity.	
onservation Policy:	
he item is to retained in its present location and be preserved rane collection to which it belongs.	d as part of the forge assemblage and
olicy Implementation:	
Il external surfaces are to be cleaned and degreased using ist is to be removed or treated. All external surfaces are to b uch as Shell ENSIS fluid or polycrystalline wax.	
onserve in situ.	
	: 1
•	
aintenance Schedule	·
spect for physical damage and deterioration every 12 months	s and implement repair as necessary.
spect all external surfaces for rust every 5 years. Where nec aplementation section.	cessary, treat as recommended in the
•	
terpretation:	

Item Name: The Ajax Continuous Forging Machine	Item No. 81
Name Plate:	<u>-</u>
Associated Items: Individual Assemblage Ajax 79, 80, 81, 82, 100C Collection System Operational Group Description: This massive, cast-iron continuous forging machine is of the Universell rod is fitted into the machine which is cut to length up-set and headed discharged. A number of different shaped dyes can be placed in the machine. To powered by an electric motor.	d before being
History: The item was installed in 1922. This was probably its original location aunknown.	although that is
Function and Operation: Hot steel rods are removed from the small furnace adjacent and fed into the machine. It was used for manufacturing a wide range of rivets, bolts and pins which were used throughout the workshops and the NSW Rail System.	11 West 1 2 3 4 5 6 7 7 8 8 9 10 11 12 13 14 15 2 1
Photo: FILM No. 95-169-2-13 Photographed and inspected December	er 1995
F TO STORY	

Item Name: Ajax (Continuous Forgin	g Machine			Item No. 81
Condition:					
n general, the item he item is cleaned,			dition provi	ding power sources	s are connected and
he external surfac	e of the item has	patches of su	perficial rus	st and bare metal.	
Significance Matri	<u> </u>		State His	storical Themes:	· · · · · · · · · · · · · · · · · · ·
	Aesthetic Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare 🗷	× □	× Otential	Themes	☐ 13 Transport	
				☐ 15 Utilities	
lepres-		. 1721		☐ 16 Industry	
ntative 🗵		× X		☐ 18 Technology	••••
				20 Government A	Administration
nd education pote	ential for developi	ng an unders	tanding of	early engineering	e item has research practice. The item
and education pote exhibits a high degree conservation Police he item is to retain	ential for developing the of structural in cy: ned in its present	ng an unders tegrity. The it location and	tanding of em is an in be preserv	early engineering itegral part of the A	practice. The item
and education pote exhibits a high degree conservation Police he item is to retain	ential for developing the of structural in cy: ned in its present	ng an unders tegrity. The it location and	tanding of em is an in be preserv	early engineering itegral part of the A	practice. The item jax assemblage.
nd education pote xhibits a high degree conservation Police the item is to retain	ential for developing the of structural in cy: ned in its present	ng an unders tegrity. The it location and	tanding of em is an in be preserv	early engineering itegral part of the A	practice. The item jax assemblage.
end education pote exhibits a high degration Police Conservation Police The item is to retain which it belongs.	ential for developing ee of structural in cy: ned in its present he item is to rema	ng an unders tegrity. The it location and	tanding of em is an in be preserv	early engineering itegral part of the A	practice. The item jax assemblage.
conservation pote exhibits a high degration Police. The item is to retain which it belongs. The policy Implemental surface ust is to be remove	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the control of the cont	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage. Ajax assemblage to ods. All superficial appropriate sealant
nd education pote whibits a high degration Policionservation Policions it is to retain thich it belongs. The external surface let is to be remove uch as Shell ENSIngineer.	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the control of the cont	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage.
conservation pote exhibits a high degration Policions it is to retain the item is to retain thich it belongs. The item is to retain the item is to retain the item is to retain the item is to retain the item is to retain the item is to retain the item is to retain the item is to be removed us to be removed us to be removed us to be removed in situ.	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the item is greated. All of S fluid or polycry	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage. Ajax assemblage to ods. All superficial appropriate sealant
conservation pote exhibits a high degration Policion Poli	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the item is greated. All of S fluid or polycry	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage. Ajax assemblage to ods. All superficial appropriate sealant
conservation pote exhibits a high degration Policion Poli	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the item is greated. All of S fluid or polycry	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage. Ajax assemblage to ods. All superficial appropriate sealant
conservation pote exhibits a high degration Policion Poli	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the item is greated. All of S fluid or polycry	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage. Ajax assemblage to ods. All superficial appropriate sealant
conservation pote exhibits a high degration Policion Poli	ential for developing the of structural in cy: ned in its present the item is to remain the item is to remain the item is to remain the item is greated. All of S fluid or polycry	ng an unders tegrity. The it location and in operational ed and degre	tanding of em is an in be preserved ased using ces are to learn to	early engineering itegral part of the A ved as part of the A ved as part of the A paper appropriate method treated with an	practice. The item jax assemblage. Ajax assemblage to ods. All superficial appropriate sealant

Item Name: Frazing	រូ Whee	el and Sav	N						٠	Ite	n No.	82
Name Plate:		·			<u>-</u>							
Associated Items:												
Individual												
Assemblage	⊡ ,	Ajax 79,										
Collection	অ	Frazing V	Vheels	33, 78,	82, 83,	92						
System				•								
Operational Group												
Description: This F												
steel frame which su												
the frazing wheel an				The s	haft was	s drive	n by	V-bel	lts fron	n a sr	nall e	lectri
motor mounted on th	ie rear	of the fra	me									
		01 1110 110										
				10.10								1
History: The frazing	y whee	el was inst	alled in								n ove	rhead
History: The frazing line shaft. It was cer	y whee	el was inst	alled in								n ove	rhea
line shaft. It was cer	y whee tainly r	el was inst mounted i	alled in n anoth	ner locat	tion befo	ore bei	ng m	ounte	d here.	· , ,	n ove West	rhead
line shaft. It was cer	g whee tainly r	el was inst mounted i n: The	alled in n anoth frazin	ner locat g whee	tion befo	ore bei	ng m	ounte		· , ,		rhea
Function and Ope generally used for r	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,		rhea
line shaft. It was cer	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,		rhea
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	" • ! ! !
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	22
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing of hot	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	
Function and Ope generally used for r saw was probably used	y whee tainly received	el was inst mounted in: The	alled in n anoth frazing of hot	ner locat g whee metal a	tion before el was and the	ore bei	ng m	ounte	d here.	· , ,	West	

Photo: FILM No. 95-169-2-14 Photographed and inspected December 1995

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					CHINERY ————	CONSERVATION	1996 -
Item Na	me: Fra	zing Whee	el and Sav	V		·	Item No. 82
	al, the ite	em appear ed, service			dition provi	iding power sources are	e connected and
The exte	ernal surf	ace of the	item has	patches of su	perficial ru	st and bare metal.	
The pair	ited surfa	ace of the	item is de	teriorating.			~~
Signific	ance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	Ø	×		X	Themes	13 Transport	
Repres-						15 Utilities	
entative	×	. 🗀	ш.	X		☐ 16 Industry	****
	_	_	. —	. .		☐ 18 Technology☐ 20 Government Admi	nistration
being as hammer	sociated assemb	with their lage. The	operatior item evid	n for over 60 dences the ve	years. Thersatility of	of the Eveleigh Locomore item is an integral parties in the tural integrity.	art of the stean
Conserv	ation Po	olicy:				,	
		ained in its	•		oe preserv	ed as part of the ajax a	ssemblage and
				being cleane edules given		ed and maintained ad	cording to the
Policy In	nplemen	tation:				·	
ust is to	be remo	ved or trea	ated. All			g appropriate methods be treated with an app	
						blasting using a limes	

Conserve in situ.

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.

an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax.

Interpretation:

1996

Item Name: Frazing	g and	Grinding Wheel	Item No. 83
Name Plate:			
Associated Items:			
Individual	Π,		
Assemblage	,	Covmac 83, 84, 85, 86, 100C	
Collection	Ø	Frazing Wheels 33, 78, 82, 83, 92	
System			
Operational Group			
Description: The	Erazir	a and Grinding Wheel has a cast-iron had on y	vhich is mounted a shaft

Description: The Frazing and Grinding Wheel has a cast-iron bed on which is mounted a shaft which holds a frazing wheel on one end and a fifteen inch emery wheel on the other. Two bearings, integrated into the cast iron frame, support the shaft. A driven wheel is located in the middle of the shaft which is powered by a series of four V-belts by a one horsepower electric motor. There is no name plate information on the item but it is believed that it was cast in the Eveleigh Foundry and that the item has been produced by the Workshop.

History: The history of the item is unknown but it is likely that it dates from the time that this part of the blacksmith's shop had the steam hammer installed.

Function and Operation: The Frazing and Grinding Wheel is used for the rough cleaning of items which have been forged in the Bay 2 North. The Frazing Wheel consists of a series of hardened teeth which are parallel to the axis of the shaft. These teeth which have a pitch of about 7mm are used for the rough shaping of hot steel as it comes from the forge.

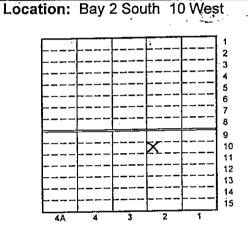


Photo: FILM No. 95-169-2-15 Photographed and inspected December 1995



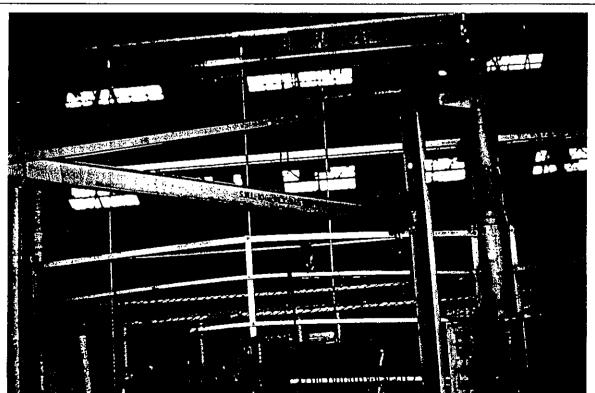
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1996_

Item Na	me: Fra	zing Whee	l/ Grinder		·		Item No. 83
Condition		<u> </u>					
		m annear	s to be in	onerable con	dition provi	ding power sources are	e connected and -
, -		ed, service		•	aidon provi	ang power sources are	
The exte	arnal curf	aca of the	item has	notober of cu	perficial rue	st and bare metal.	[.
I THE EXIC	errar Surr	ace of the	ilein nas	pateries or su	pernolar ru	st and pare metal.	
The pair	nted surfa	ice of the i	tem is det	teriorating.		-	· · · · · · · · · · · · · · · · · · ·
Signific	ance Ma				State His	storical Themes:	
]	Historical	Aesthetic	Social	Technology/ Research Potential	Category	_	Industrial Relic
Rare	×	×	. •	X	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-						☐ 16 Industry ···	.,.
entative ·	×			×		18 Technology	
						20 Government Adm	inistration
being as hammer	sociated assembl	with their lage. The	operation	for over 60 g dences the ve	years. The ersatility of	of the Eveleigh Locomore item is an integral parties the workshops in the tural integrity.	art of the steam
Conserv	ation Po	olicy:					
			-	nt location ar	•	erved as part of the	steam hammer
				being cleane edules given		d and maintained ad	ccording to the
Policy Ir	nplemen	tation:					
rust is to	be remo	ved or trea	ated. All e			g appropriate methods be treated with an app	
abrasive	or steel l	brushing.	Remnant		e treated v	blasting using a limes vith an inhibitor and fin Illine wax.	
Conserve	e in situ.	-					
Mainten	ance Sch	redule				-	
		al surfaces n section.	for rust e	every 12 mont	hs. Where	e necessary, coat as re	ecommended in
Interpret	ation:					·.	
-							

1996

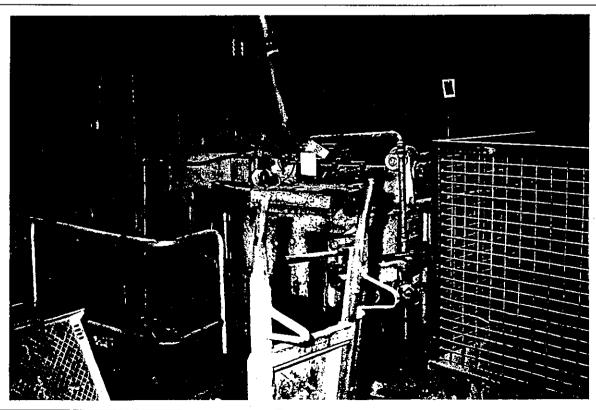
Item Name: 10CWT	Jib-Crane				Item No	. 84
Name Plate:					J <u>.</u>	
the wall is stayed to t	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	jib crand	es whic	h are lo sal secti	cated away	
History:	-		 .	· · · · · · · · · · · · · · · · · · ·		
-	tion: The crane was formerly fitted block and tackle and the operation	Locati	on:		1 2 3 4 5 6 6 7 7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>.</u> 3
	•	L	4A 4	3	2 1	



1996---

Item Nan	ne: 10 CV	/ Laip C	iane					o. 84
Conditio	n:							
The item	is in good	structur	al repair a	and has no ob	vious sign:	s of rust.		
	ance Matrix Historical A	(esthetic	Social	Technology/ Research Potential	State His	storical Themes:	☐ Industrial	Relic
Rare			· 🔲		Themes	☐ 13 Transport ☐ 15 Utilities		
Repres-						15 Unities 16 Industry		
entative	X			×		☐ 18 Technology	J.	
		_				20 Government	Administration)
	a high degre		•	-	, to interp	ret from its existi	119,145110.	e item
Conserva	ation Polic	: у :						
The item		ed in its	•	location and b	e preserve	ed as part of the fo	orge assembla	ge and
The item crane coll	is to retain lection to w	ed in its hich it b	•	location and b	e preserve	ed as part of the fo	orge assembla	ge and
The item crane coll Policy Im All extern rust is to	is to retain lection to was a surfaces be removed	ed in its thich it be tion: are to do r treat	be clean	ed and degre	ased usin	ed as part of the fo	hods. All sup	erficial
The item crane coll Policy Im All extern rust is to	is to retainglection to wanted	ed in its thich it be tion: are to do r treat	be clean	ed and degre	ased usin	g appropriate met	hods. All sup	erficial
The item crane collection of the collection of the creating to be such as S	is to retainglection to wanted	ed in its thich it be tion: are to do r treat	be clean	ed and degre	ased usin	g appropriate met	hods. All sup	erficial
The item crane collected from th	is to retainglection to wanted	ed in its thich it be tion: are to dor treats fluid or	be clean	ed and degre	ased usin	g appropriate met	hods. All sup	erficial
The item crane collected from Policy Important All externation as Such	is to retain lection to with the mental surfaces be removed the in situ.	ed in its thich it be tion: are to do receive fluid or	be clean ated. All	ed and degre external surfa talline wax.	ased using	g appropriate met	thods. All sup appropriate s	erficial sealant
The item crane collection of the collection of t	is to retain lection to with the plemental surfaces be removed be in situ.	ed in its thich it be tion: are to dor treat fluid or treat the time time the time the time the time time the t	be clean ated. All polycrys	ed and degre external surfa talline wax.	ased using ces are to	g appropriate met be treated with ar	rhods. All sup n appropriate s	erficial sealant
The item crane collection of the collection of t	is to retained lection to we had surfaces be removed the situ. In ance Scheoor physical of the lection section section section.	ed in its thich it be tion: are to dor treat fluid or treat the time time the time the time the time the time t	be clean ated. All polycrys	ed and degre external surfa talline wax.	ased using ces are to	g appropriate met be treated with an	rhods. All sup n appropriate s	erficial sealant
The item crane collector of the collecto	is to retained lection to we had surfaces be removed the situ. In ance Scheoor physical of the lection section section section.	ed in its thich it be tion: are to dor treat fluid or treat the time time the time the time the time the time t	be clean ated. All polycrys	ed and degre external surfa talline wax.	ased using ces are to	g appropriate met be treated with an	rhods. All sup n appropriate s	erficial sealant
The item crane collector of the collecto	is to retained lection to we had surfaces be removed the situ. In ance Scheoor physical of the lection section section section.	ed in its thich it be tion: are to dor treat fluid or treat the time time the time the time the time the time t	be clean ated. All polycrys	ed and degre external surfa talline wax.	ased using ces are to	g appropriate met be treated with an	rhods. All sup n appropriate s	erficial sealant

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	RY CONSERVATION 1996
sociated Items: ividual Semblage Covmac 83, 84, 85, 86, 100C Illection Stem Gerational Group Scription: The Covmac Continuous Forging Machine is a massive cast-iron street for producing rivets and bolts from hot metal stock. The item was installed to and has operated here until present day. This is a universal machine and a be placed on rivets, pins and bolts. Interior: The covmac was installed, probably in this position, in 1950. Interior and Operation: The machine is driven by a indicator and operation. It operates on the inertial inciple, having a very heavy fly wheel. The hot stock is into the machine where it is cut to size, up-set, headed injected. It was used for producing a variety of rivets, its and pins used throughout the workshops in NSW	Item No. 85
Name Plate:	
Associated Items:	
Individual \square_{ℓ}	
Assemblage	•
Collection	
System \square	
Operational Group	-
Description: The Covmac Continuous Forging Machine is	a massive cast-iron structure which was
used for producing rivets and bolts from hot metal stock.	The item was installed in this location in
1950 and has operated here until present day. This is a u	iniversal machine and a variety of heads
can be placed on rivets, pins and bolts.	
History: The covmac was installed, probably in this position	n, in 1950.
	•••.
	Location: Bay 2 South 9 West
·	
fed into the machine where it is cut to size, up-set, headed	3
and injected. It was used for producing a variety of rivets,	
	6
Rail Network.	
	9 10
	12
	14
	4A 4 3 2 1
	4A 4 3 4
Photo: FILM No. 95-169-2-17 Photographed	Land inspected December 1995



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1996___

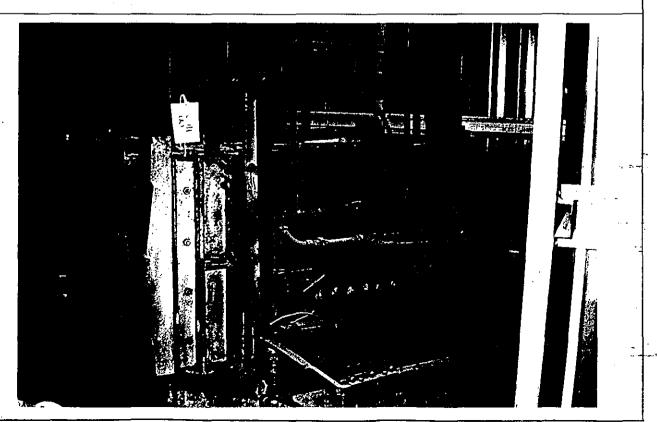
Item Na	me: 'Co\	/mac' Con	tinuous Fo	orging Machir	ie		Ite	m No.	85
Conditio	on:								
-		m appears d, service		•	dition provi	ding power source	es are cor	nected	d and
The exte	ernal surfa	ace of the	item has p	oatches of su	perficial ru	st and bare metal.	-4.5		
Significa	ance Mai	trix	-		State His	storical Themes:		· · ·	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	🖵 Indu	strial R	elic
Rare	×	×		×	Themes	13 Transport	•		
Popros						15 Utilities			ł
Repres- entative	×			×		16 Industry			
entative		_	_			18 Technology			
						☐ 20 Government	Administr	ation	
exhibits a Conserv The item	a high de a high Po	tential for gree of str licy: ained in its	developir uctural int present l	ng an unders egrity. The it ocation and b	tanding of em is an ir oe preserv	ign and detail. The early engineering ntegral part of the content	practice Covmac a	. The	item bly.
which it b	elongs.	The item is	s to remai	n operational	•				
	,	•			•	•			İ
Policy In	nplemen	tation:							
rust is to	be remov Shell EN	ved or trea	ited. All e	external surface	ces are to	g appropriate metl be treated with an nine should be ser	appropri	ate sea	alant
Conserve	in situ.								
Maintena	nce Sch	edule							
		•		S	•				
									• }
									1
					-				
Interpret	ation:		•				<u> </u>		
-									
)
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	•								
						4 - C			1

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	(1 CONSERVATION	1996.
Item Name: The Furnace for the Covmac		Item No. 86
Name Plate:		<u></u>
Associated Items:		
Individual		
Assemblage		,
Collection	79, 86, 95, 97, 99, 106,	110, 111, 129
System 159, 161, 198		
Operational Group		
Description: The small furnace, which was dedicated	to the Cogmac, or cor	itinuous forgin
machine, is gas-fired and is equipped with a heavy door or		
balanced to lift, also has a series of holes and a space to		
headed to be placed in the forge.	Ū	
<u> </u>		
History: The history of the item is unknown.		-
	<u> </u>	<u></u>
Function and Operation: Lengths of steel were placed	Location: Bay 2 South	9 West
in the machine for heating. It would appear that in some		
cases the longer lengths of bar or rod could be introduced		1 2
to the machine through holes in the bottom of the external		
door. Adjacent to this door there was a bracket which		
allowed the rod or bar to be supported while one end was		
being heated.		
	X	9
	│	10 11
		12
	 	13 14
•		15

Photo:

FILM No. 95-169-2-18

Photographed and inspected December 1995



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EVELEIGH LOCOMOTIVE WORKSHOPS MACHIN	NERY CONSERVATION
Item Name: Furnace for Covmac	

ZVELEIG	H LOC	CIVICTIVE	: WORP	CONUPS WA	CHINEKI	CONSERVATION	1996
Item Na	me: Fur	nace for C	ovmac				Item No. 86
connecte exhibits	ed and th heavy ru	ne item is d	eleaned, s. The c	serviced and t	ested. The	condition providing po e item will need some urce is unknown and tl	repair. The item
Significa	ance Ma	trix	<u></u> .		State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research	Category	☐ Moveable Item ☐	Industrial Relic
Rare		a		Potential	Themes	☐ 13 Transport	·
Repres-			,			☐ 15 Utilities ☐ 16 Industry	
entative	×			×		☐ 18 Technology	·
				<u> </u>		20 Government Adm	inistration
Stateme	nt of Sig	gnificance					3 A
operation	·		The iter	m is an integra	l part of the	e Covmac assemblage	
The item	is to re	tained in i		· nt location and ystem to which	•	rved and retained as	part of the Ajax
The item	is io	be preser	ved by	•	d, service	d and maintained ac	ccording to the
Policy In	nplemen	itation:					-
rust is to	be remo	ved or trea	ated. All	-	-	g appropriate methods be treated with an app	, ,
All pipes reconnec		e disconne	cted, cle	aned, dried ar	nd treated	with rust inhibitor. Th	ey may then be
Conserve	in situ.						
Maintena	nce Sch	redule					
Inspect al implemer			for rust e	every 5 years.	Where ne	cessary, treat as recor	mmended in the
			,				
			1	·			
Interpreta	ation:		·		··· 		

tem Name: The Bla	acksmiths Forge and Coke Bin		Item No.87
Name Plate:			<u></u>
Associated Items:			
ndividual		•	
Assemblage	□,	,	
Collection	🖬 Forges 27A-H, 44, 59, 87, 88, 9	0, 93, 97, 99	4
System			
Operational Group			
stage or frame which hol back plate and support the Each forge is naturally ve side panels have been	original cast iron blacksmiths furnaces remain in lds the cast-iron fire pan. The rear legs extend the cast iron hood. The cast iron twears which are need through a vertical stack which passes the added to the forges to contain the heat. The lines which take air from the route blowers local	I about 800mm beyond the fir re of the side-heating design a rough the roof of the worksho e forges are all connected to	e pan and hold to the all water cooled p. In some cased the sub-floor hi
leight of about 3-4 metre	forges were all connected to a low pitched she es above the ground. To this flue was supplied ere the forges were made but it is believed the ted outside Bay 4.	two stacks which passed thro	ough the roof of t
elatively small items to placksmiths or beneath the he forges all used controlled by a lever at the		Location: Bay 2 South	1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 1
hoto: FILM	No. 95-169-2-19 Photographed	and inspected Decemb	er 1995
The section was to be a section of the section of t			



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Condition: In general, the item appears to be in operable of the item is cleaned, serviced and tested. The item exhibits heavy rust in places. Significance Matrix Historical Aesthetic Social Technological Research Potential Rare	State Hi	storical Themes:	es are connected	and
Significance Matrix Historical Aesthetic Social Technolo Research Potential	ogy/ Category			<u> </u>
Significance Matrix Historical Aesthetic Social Technolo Research Potential	ogy/ Category			_
Research Potential Rare 区 区	Category	[^{7]}		
Rare 🗵 🖾 🗆 🗵		☐ Moveable Item	Industrial Rel	lic
	Themes	☐ 13 Transport		
Repres-		15 Utilities		
ntative 🗵 🔲 🗵		16 Industry		
		☐ 18 Technology☐ 20 Government	A almatini ta tura 40 a m	
		20 Government	Administration	
Statement of Significance			. ,	
The item was an integral part of the Eveleigh operation for over 100 years.	Locomotive \	Workshops being	associated with t	heir
	~			
The item is an integral part of the steam systen	11.			
Conservation Policy:				
he item is to retained in its present location	n and be pres	erved as part of t	the forge to which	ch it
elongs.	•	•	Ū	
			·	
Policy Implementation:				
all external surfaces are to be cleaned and de	eareased usin	a appropriate met	hods. All superfi	icial
ust is to be removed or treated. All external se	-			
uch as Shell ENSIS fluid or polycrystalline wa	ax. All pipes a	are to be disconne	ected, cleaned, di	ried
nd treated with rust inhibitor. They may then				
leaned with abrasive blasting using a limesto			-	
ust should be treated with an inhibitor and fina :NSIS fluid or polycrystalline wax. Conserve ir		n an appropriate s	ealant such as 5	nen
into to fluid of polyorystatime wax. Conserve if	i Situ.			
laintenance Schedule				
		4		
npact every 5 years.				
·	•		•	.,
	•			
		•		
				•••
nterpretation:				

VELEIGH LOCO	MOTIVE WORKSHOPS MACHINERY CONSERVATION	19	96
Item Name: The E	Blacksmiths Forge	Item No.	88
Name Plate:			
Associated Items	•		
Individual			
Assemblage			
Collection	Forges 27A-H, 44, 59, 87, 88, 90, 93, 97, 99		
System			
Operational Group			
stage or frame which h back plate and support Each forge is naturally side panels have beer volume, low pressure a	e original cast iron blacksmiths furnaces remain in Bay 2 North. The Forges of colds the cast-iron fire pan. The rear legs extend about 800mm beyond the fithe cast iron hood. The cast iron twears which are of the side-heating design a vented through a vertical stack which passes through the roof of the workship added to the forges to contain the heat. The forges are all connected to ir lines which take air from the route blowers located at the south end of Bay 1	re pan and ho are all water c op. In some o the sub-floo to the forges.	ooled cases r higi
height of about 3-4 met bay. It is not known w which was originally loc		ough the roof e Eveleigh Fo	of the
relatively small items to blacksmiths or beneath	eration: The forges were all used for heating or red or white heat for forging by hand by the the four steam hammers still located in Bay 2. soal or coke as fuel and the air supply was the rear of the forge. Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 2 South Location: Bay 3 South Location: B	1 10 East 1 2 3 4 5 7 8 9 10 11 12 13 14 15 2 1	
Photo: FILM	I No. 95-169-2-20 Photographed and inspected December	per 1995	-



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Historical Aesthetic Social Technology/ Research Potential Rare 🗵 🗓 🛣 Themes Repres- entative 🗵 🖾	e Historical Themes: gory	tem Name: Blacksmith's Forge	Item No. 88
The item exhibits heavy rust in places. Significance Matrix Historical Aesthetic Social Technology/Research Potential Rare	e Historical Themes: gory	Condition:	
The item exhibits heavy rust in places. Significance Matrix Historical Aesthetic Social Technology/ Research Potential Rare	gory Moveable Item Industrial Relicities 15 Utilities 16 Industry 18 Technology 20 Government Administration ive Workshops being associated with the using appropriate methods. All superficial e to be treated with an appropriate sealances are to be disconnected, cleaned, dried lected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan		ondition providing power sources are connected an
Significance Matrix Historical Aesthetic Social Technology/ Research Potential Themes Category Themes Themes Themes Themes Themes Themes Themes Themes Themes Themes	gory Moveable Item Industrial Relicities 15 Utilities 16 Industry 18 Technology 20 Government Administration ive Workshops being associated with the using appropriate methods. All superficial e to be treated with an appropriate sealances are to be disconnected, cleaned, dried lected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan	he item is cleaned, serviced and tested.	
Significance Matrix Historical Aesthetic Social Technology/ Research Potential Themes Themes Statement of Significance The item was an integral part of the Eveleigh Locomotive Word operation for over 100 years. The item is an integral part of the steam system. Conservation Policy: The item is to retained in its present location and be preserve which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using a ust is to be removed or treated. All external surfaces are to be such as Shell ENSIS fluid or polycrystalline wax. All pipes are and treated with rust inhibitor. They may then be reconnected. Eleaned with abrasive blasting using a limestone or similar abrust should be treated with an inhibitor and finally coated with an ENSIS fluid or polycrystalline wax. Conserve in situ.	gory Moveable Item Industrial Relicities 15 Utilities 16 Industry 18 Technology 20 Government Administration ive Workshops being associated with the using appropriate methods. All superficial e to be treated with an appropriate sealances are to be disconnected, cleaned, dried lected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan	The item exhibits heavy rust in places	
Historical Aesthetic Social Technology/Research Potential Rare	as are to be disconnected, cleaned, dried tected. A heavily rusted surface should be nilar abrasive or steel brushing. Remnand	and the state of t	State Historical Themes:
Representative	☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration ive Workshops being associated with the reserved as part of the forge collection to be treated with an appropriate sealances are to be disconnected, cleaned, dried sected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan	Historical Aesthetic Social Technology/ Research	
Statement of Significance The item was an integral part of the Eveleigh Locomotive Word operation for over 100 years. The item is an integral part of the steam system. Conservation Policy: The item is to retained in its present location and be preserve which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using a just is to be removed or treated. All external surfaces are to be such as Shell ENSIS fluid or polycrystalline wax. All pipes are and treated with rust inhibitor. They may then be reconnected. Eleaned with abrasive blasting using a limestone or similar abrust should be treated with an inhibitor and finally coated with an ENSIS fluid or polycrystalline wax. Conserve in situ.	☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration ive Workshops being associated with the reserved as part of the forge collection to using appropriate methods. All superficial to be treated with an appropriate sealances are to be disconnected, cleaned, dried nected. A heavily rusted surface should be nilar abrasive or steel brushing. Remnan		Themes 🚨 13 Transport
Statement of Significance The item was an integral part of the Eveleigh Locomotive Word operation for over 100 years. The item is an integral part of the steam system. Conservation Policy: The item is to retained in its present location and be preserve which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using a just is to be removed or treated. All external surfaces are to be such as Shell ENSIS fluid or polycrystalline wax. All pipes are and treated with rust inhibitor. They may then be reconnected. Eleaned with abrasive blasting using a limestone or similar abrust should be treated with an inhibitor and finally coated with an ENSIS fluid or polycrystalline wax. Conserve in situ.	□ 20 Government Administration ive Workshops being associated with the reserved as part of the forge collection to using appropriate methods. All superficial e to be treated with an appropriate sealances are to be disconnected, cleaned, dried nected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan		☐ 15 Utilities
Statement of Significance The item was an integral part of the Eveleigh Locomotive Work operation for over 100 years. The item is an integral part of the steam system. Conservation Policy: The item is to retained in its present location and be preserve which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using a just is to be removed or treated. All external surfaces are to be such as Shell ENSIS fluid or polycrystalline wax. All pipes are and treated with rust inhibitor. They may then be reconnected. Eleaned with abrasive blasting using a limestone or similar abrust should be treated with an inhibitor and finally coated with an ensure exists fluid or polycrystalline wax. Conserve in situ.	D 20 Government Administration ive Workshops being associated with the reserved as part of the forge collection to using appropriate methods. All superficially to be treated with an appropriate sealances are to be disconnected, cleaned, dried nected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan		☐ 16 Industry
Statement of Significance The item was an integral part of the Eveleigh Locomotive Work operation for over 100 years. The item is an integral part of the steam system. Conservation Policy: The item is to retained in its present location and be preserve which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using a sust is to be removed or treated. All external surfaces are to be such as Shell ENSIS fluid or polycrystalline wax. All pipes are and treated with rust inhibitor. They may then be reconnected. Eleaned with abrasive blasting using a limestone or similar abrust should be treated with an inhibitor and finally coated with an ENSIS fluid or polycrystalline wax. Conserve in situ.	reserved as part of the forge collection to using appropriate methods. All superficial to be treated with an appropriate sealances are to be disconnected, cleaned, dried nected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan	ntative 🗵 🔟 🗵	☐ 18 Technology
The item was an integral part of the Eveleigh Locomotive Work operation for over 100 years. The item is an integral part of the steam system. Conservation Policy: The item is to retained in its present location and be preserve which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using a just is to be removed or treated. All external surfaces are to be such as Shell ENSIS fluid or polycrystalline wax. All pipes are and treated with rust inhibitor. They may then be reconnected. Eleaned with abrasive blasting using a limestone or similar abrust should be treated with an inhibitor and finally coated with an ENSIS fluid or polycrystalline wax. Conserve in situ.	reserved as part of the forge collection to using appropriate methods. All superficiate to be treated with an appropriate sealances are to be disconnected, cleaned, dried nected. A heavily rusted surface should be allar abrasive or steel brushing. Remnan		20 Government Administration
ust should be treated with an inhibitor and finally coated with an NSIS fluid or polycrystalline wax. Conserve in situ.		· · · · · · · · · · · · · · · · · · ·	
faintenance Schedule		Policy Implementation: All external surfaces are to be cleaned and degrees to be removed or treated. All external surfuch as Shell ENSIS fluid or polycrystalline wax and treated with rust inhibitor. They may then be	faces are to be treated with an appropriate sealants. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be
	•	Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfaces as Shell ENSIS fluid or polycrystalline wax, and treated with rust inhibitor. They may then be cleaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
		Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfaces are to be cleaned and degrees is to be removed or treated. All external surface uch as Shell ENSIS fluid or polycrystalline wax, and treated with rust inhibitor. They may then be cleaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
		Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfaces are to be cleaned and degrees is to be removed or treated. All external surface uch as Shell ENSIS fluid or polycrystalline wax, and treated with rust inhibitor. They may then be cleaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
	·	Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfuch as Shell ENSIS fluid or polycrystalline wax and treated with rust inhibitor. They may then be leaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
		Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfuch as Shell ENSIS fluid or polycrystalline wax and treated with rust inhibitor. They may then be leaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
		Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfaces are to be cleaned and degrees is to be removed or treated. All external surface uch as Shell ENSIS fluid or polycrystalline wax, and treated with rust inhibitor. They may then be cleaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
		Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfaces are to be cleaned and degrees is to be removed or treated. All external surface uch as Shell ENSIS fluid or polycrystalline wax, and treated with rust inhibitor. They may then be cleaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell
		Policy Implementation: All external surfaces are to be cleaned and degrees is to be removed or treated. All external surfaces are to be cleaned and degrees is to be removed or treated. All external surface uch as Shell ENSIS fluid or polycrystalline wax, and treated with rust inhibitor. They may then be cleaned with abrasive blasting using a limestone ust should be treated with an inhibitor and finally ENSIS fluid or polycrystalline wax. Conserve in s	faces are to be treated with an appropriate sealand. All pipes are to be disconnected, cleaned, dried e reconnected. A heavily rusted surface should be not similar abrasive or steel brushing. Remnandly coated with an appropriate sealant such as Shell

1996_____

Item Name: The Blacksmiths Forge	Item No. 90
Name Plate:	
Associated Items:	
Individual	
Assemblage	
Collection	99
System	
Operational Group	
Description: 4 of the original 9 cast iron blacksmiths furnaces remain in Bay 2 N	
iron stage or frame which holds the cast-iron fire pan. The rear legs extend about 80 the back plate and support the cast iron hood. The cast iron twears which are of the cooled. Each forge is naturally vented through a vertical stack which passes through cases, side panels have been added to the forges to contain the heat. The forges are volume, low pressure air lines which take air from the route blowers located at the sou History: Originally the forges were all connected to a low pitched sheet metal flue height of about 3-4 metres above the ground. To this flue was supplied two stacks we bay. It is not known where the forges were made but it is believed that they were	the side-heating design are all water the roof of the workshop. In some all connected to the sub-floor high the end of Bay 1 to the forges. Which ran the length of the bay at a which passed through the roof of the
which was originally located outside Bay 4.	
Function and Operation: The forges were all used for heating relatively small items to red or white heat for forging by hand by the blacksmiths or beneath the four steam hammers still located in Bay 2. The forges all used coal or coke as fuel and the air supply was controlled by a lever at the rear of the forge.	Bay 2 South 11 East
	5 7 6 9 10
4A	12 13 14 15
Photo: FILM No. 95-169-2-22 Photographed and inspe	cted December 1995
	Charles
	C

1996

Item Na	me: Blac	ksmith's F	orge		· 		Item No. 90
Conditio	on:						
		m appears	to be in	operable con	dition prov	iding power sources a	are connected and
		d, serviced			· ·		
	1 *1 *1					•	
	arice Mat	heavy rust	in places	S	Ctata Ui	storical Themes:	
	ance ivial Historical	.rix Aesthetic	Social	Technology/	State mi	storicai į nemes:	na ^{rq}
				Research Potential	Category	☐ Moveable Item 〔	Industrial Relic
Rare	×	×		×	Themes	☐ 13 Transport	
Repres-						15 Utilities	
entative	×	П,		×		16 Industry	
·		_	_			☐ 18 Technology	
		···	·			20 Government Ad	ministration
Stateme	nt of Sig	nificance					
The item	was an	integral pa	irt of the	Eveleigh Lo	comotive \	Norkshops being ass	ociated with their
operation	n for over	100 years.					
The item	is an inte	egral part o	f the stea	am system.			
Concon	ation Po	liou			············	<u> </u>	
		-					
				•	be preserv	ved as part of the fur	nace collection to
which it t	belongs.	The item m	iay rema	in in use.			1
					•	•	
				•			
							}
Policy In	nplemen	tation:		· · · · · · · · · · · · · · · · · · ·		<u>. </u>	
- ·							
The Item	is to rem	ain in use a	and be se	erviced as rec	luired.		
Conserve	e in situ.	•					· l
					•		j
	-					*4°	
Maintan	ance Sch	odulo					
Marine	ance Sch	cuule	•	•		,	
The item	is to be in	nspected e	very 12 r	nonths and s	erviced as	required.	
							•
Interpret	tation:						
		.•					·
							,
•							
							-
		• .					•

1996

Item Name: The Al	en Striker	Item No. 91
Name Plate:		
Associated Items:		
Individual		
Assemblage		
Collection		
System	Compressed Air 91, 92, 94	
Operational Group	☑ Strikers 91, 94, 139	

Description: The Allen Striker is a small of the helve type, in that the hammer is on the end of a lever which is pivoted on a shaft. The power is applied on both the up and down stroke and the force of the strike is controlled by the operator through the foot pedal. The lever or striker, is of the wishbone shape with the twin bars being attached to the shaft. Especially shaped dies are available for both the striker and for the anvil.

History: The Allen Strikers are also known as Oliver Forgers. It is believed that most of these strikers were originally located in the Oliver shop which is on the opposite side to the south road to the workshops. This particular striker was installed in the Workshops in 1906.

the smallest of the power hammers used at Eveleigh. It was rated at 2CWT which is about 100 kilos. The hammer was used for producing a wide variety of small items used throughout the workshops in the New South Wales Rail System. There was an adjacent furnace where the metal was heated and it was then formed beneath plain hammers, flatters, fullers or swages which were fitted to the jaw and to the anvil.

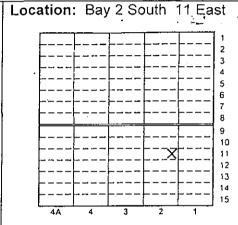
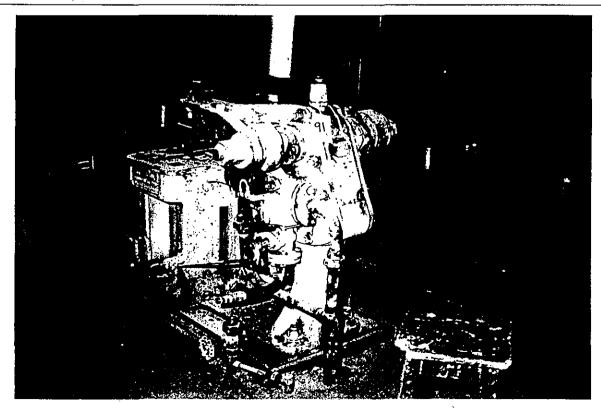


Photo:

FILM No. 95-169-2-23

Photographed and inspected December 1995



EVELEIGH LOCOMOTIVE I	WORKSHOPS M	IACHINERY	CONSERVATION

1996

Item I	Name: Alle	n Striker					Item No. 91
Condi	ition:						
the ite		d, service		•		iding power sources are be of the item has patch	
Signif	icance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	×	. 🗖	×	Themes	☐ 13 Transport ☐ 15 Utilities	
Repres entative				×		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Admi	nistration
Staten	nent of Sig	nificance			<u> </u>	-	3.4
operat large, engine in oper and de engine	ion for over rare, indusering applicating work etail. The itsering pract	r 90 years, strial piece cation. The shops. The member ice. The i	The ite e exhibite item re item is search aitem and	m is an integrating massive presents form in impressive in the decention processive in	ral part of t cast-iron er manufad n size and potential fo	Vorkshops being associate large steam system construction and which cturing technologies no form and exhibits a understate interpret from its exist	the item is a character had general wrarely evident with its design tanding of early
Conse	rvation Po	licy:			· -		
			•	•		as part of the Allen strik hich it belongs.	er assemblage,
Policy	Implemen	tation:				·	
The mainterna to be of treated fluid or inhibito should	achine is to I bare meta cleaned and . All exter polycrysta or. They ma	be stripped surfaces degreased as surfaced line wax. ay then be	are to bed using es are to All pipes reconne	e dried and grappropriate me be treated we sare to be directed. All ope ed with an ap	reased to prethods. An appression an appression areas atting surfaced and a surfaced areas	I, all bearings and gland prevent rust. All externall superficial rust is to ropriate sealant such a I, cleaned, dried and to aces exhibiting a norma sealant such as Shell E	be removed or as Shell ENSIS reated with rust ally bright finish
Mainte	nance Sch	edule	-				-
the imp	olementatio ation produ	n section.	Every 5	years internal	l surfaces s	e necessary, coat as re should be inspected for oved and coated with a	rust. Any rust
Interpr	etation:					·	
	•					•	

1996____

Item Name: Frazin	Item No. 92		
Name Plate:			
Associated Items:			,
Individual			
Assemblage		Electropneumatic 2CWT (south) 62A, 98, 99	
Collection			
System	Ø	Compressed Air 91, 92, 94	•
Operational Group	\square	Frazing Wheels 33, 78, 82, 83, 92	

Description: The Frazing and Grinding Wheel has a cast-iron bed on which is mounted a shaft which holds a frazing wheel on one end and a fifteen inch emery wheel on the other. Two bearings, integrated into the cast iron frame support the shaft. A driven wheel is located in the middle of the shaft which is powered by a series of four V-belts by a one horsepower electric motor. There is no name plate information on the item but it is believed that it was cast in the Eveleigh Foundry and that the item has been produced by the Workshop.

History: The nistory of the item is unknown but it is likely that it dates from the time that this part of the blacksmith's shop had the steam hammer installed.

Function and Operation: The Frazing and Grinding Wheel is used for the rough cleaning of items which have been forged in the Bay 2 North. The Frazing Wheel consists of a series of hardened teeth which are parallel to the axis of the shaft. These teeth which have a pitch of about 7mm are used for the rough shaping of hot steel as it comes from the forge.

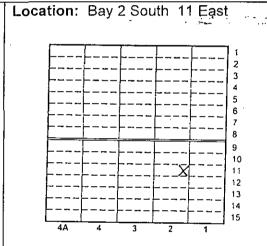
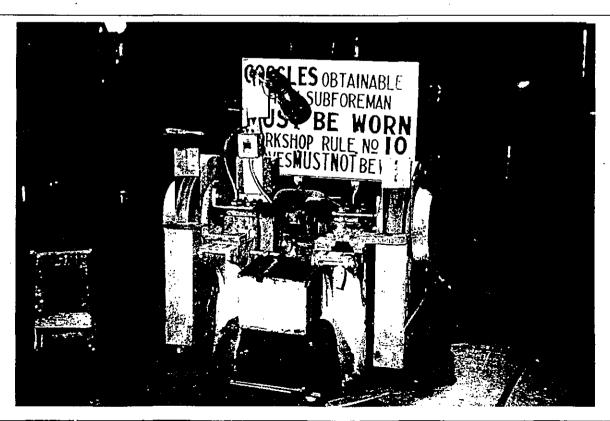


Photo:

FILM No. 95-169-2-24

Photographed and inspected December 1995



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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item No. 92 Item Name: Frazer Grinder Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. The painted surface of the item is deteriorating. State Historical Themes: Significance Matrix Historical Aesthetic Technology/ ☐ Industrial Relic ☐ Moveable Item Research Category Potential | ☐ 13 Transport Themes X 冈 N Rare ☐ 15 Utilities Repres-☐ 16 Industry X entative ☐ 18 Technology ☐ 20 Government Administration Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 60 years. The item is an integral part of the steam hammer assemblage. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to retained in its present location and be preserved as part of the steam hammer assemblage and frazing wheel collection to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A heavily rusted surface should be cleaned with abrasive blasting using a limestone or similar abrasive or steel brushing. Remnant rust should be treated with an inhibitor and finally coated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ. Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in

the implementation section.

Interpretation:

1996

Item Name: The Bl	Item No. 93		
Name Plate:			
Associated Items:			
Individual		·	
Assemblage	\square	Hydraulic Pumping184, 185, 186, 187, 193, 194.	
Collection	\Box	Forges 27A-H, 44, 59, 87, 88, 90, 93, 97, 99	
System			
Operational Group			units.
December 41 and a second		10 11 11 11 11 11 11 11 11 11 11 11 11 1	

Description: 4 of the original 9 cast iron blacksmiths furnaces remain in Bay 2 North. The Forges consist of a cast-iron stage or frame which holds the cast-iron fire pan. The rear legs extend about 800mm beyond the fire pan and hold the back plate and support the cast iron hood. The cast iron twears which are of the side-heating design are all water cooled. Each forge is naturally vented through a vertical stack which passes through the roof of the workshop. In some cases, side panels have been added to the forges to contain the heat. The forges are all connected to the sub-floor high volume, low pressure air lines which take air from the route blowers located at the south end of Bay 1 to the forges.

History: Originally the forges were all connected to a low pitched sheet metal flue which ran the length of the bay at a height of about 3-4 metres above the ground. To this flue was supplied two stacks which passed through the roof of the bay. It is not known where the forges were made but it is believed that they were produced in the Eveleigh Foundry which was originally located outside Bay 4.

Function and Operation: The forges were all used for heating relatively small items to red or white heat for forging by hand by the blacksmiths or beneath the four steam hammers still located in Bay 2. The forges all used coal or coke as fuel and the air supply was controlled by a lever at the rear of the forge.

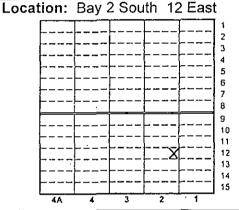


Photo: FILM No. 95-169-2-25 Photographed and inspected December 1995



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Item Na	me: Blac	ksmith's f	orae			······································	Item No. 93
Condition		m ennoer	s to bo in	anarabla aan	dition prov	iding power courses ar	a connected and
-	•	n appears d. service			uttion prov	iding power sources are	e connected and
•							
	exhibits	heavy rus	t in place	·S.	State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/		_	un.
				Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	×		×	Themes	13 Transport	
Repres-		•				15 Utilities	
entative	×			×		☐ 16 Industry ☐ 18 Technology	
					ļ	20 Government Admi	inistration
Ctatama	nt of Cia	nificance					,
	_		art of the	e Eveleigh Lo	comotive \	Norkshops being asso	ciated with their
operatior	n for over	100 years	S.				
The item	is an inte	egral part o	of the ste	am system.			
Conserv	ation Po	licv:					====
		_	its nrese	ent location ar	nd he nres	served as part of the	steam hammer
				o which it belo		screed as part of the	steam manning
	<u>-</u> .			· .			t and the
Policy In	nplemen	tation:				•	
All extern	nal surfac	es are to	be clear	ned and degre	ased usin	g appropriate methods	. All superficial
				-		be treated with an app	-
						are to be disconnected	
						ed. A heavily rusted su	
			-			abrasive or steel brus nan appropriate sealar	•
	nu ve ne	arcan AAIII y	211 1111111111			i ai addinide sedalar	
				onserve in siti		i an appropriate ecaiar	it such as onch

Maintenance Schedule

Interpretation:

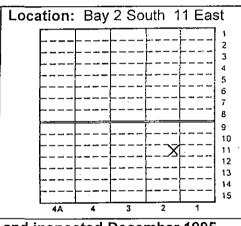
1996 _____

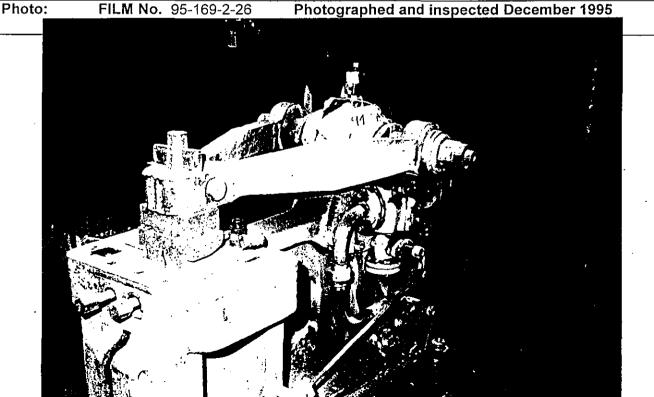
Item Name: The Al	Item No. 9		
Name Plate:			
Associated Items:			
Individual		,	
Assemblage	\Box		
Collection	Ø,	Strikers 91, 94, 139	·
System	অ	Compressed Air 91, 92, 94	
Operational Group			

Description: The Allen Striker is a small hearth of the helve type, in that the hammer is on the end of a lever which is pivoted on a shaft. The power is applied on both the up and down stroke and the force of the strike is controlled by the operator through the foot pedal. The lever or striker, is of the wishbone shape with the twin bars being attached to the shaft. Especially shaped dials are available for both the striker and for the anvil.

History: The Allen Strikers are also known as Oliver Forgers. It is believed that most of these forgers were originally located in the Oliver shop which is on the opposite side to the south road to the workshops. This particular striker was installed in the Workshops in 1916.

Function and Operation: The Oliver or Allen Striker was the smallest of the power hammers used at Eveleigh. It was rated at 2CWT which is about 100 kilos. The hammer was used for producing a wide variety of small items used throughout the workshops in the New South Wales Rail System. There was an adjacent furnace where the metal was heated and it was then formed beneath plain hammers, flatters, fullers or swages which were fitted to the jaw and to the anvil.

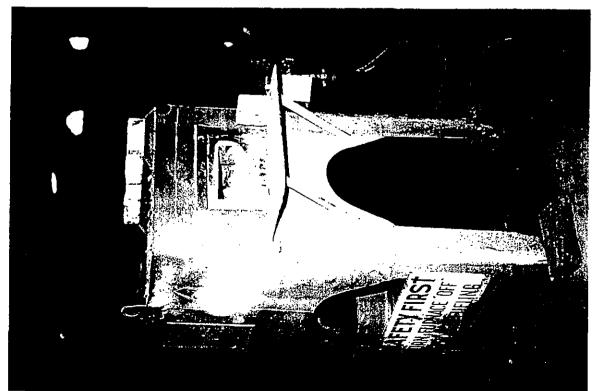




Item Na	me: Alien S	Striker 18	399				Item No. 94
Conditio	on:	· 					
the item		serviced		•	•	ding power sources are e of the item has patch	
Significa	ance Matrix	ζ			State His	torical Themes:	
	Historical A	esthetic [.]	Social ·	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	X		×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-				-	İ	☐ 16 Industry	
entative	X			X		☐ 18 Technology	
				•	ľ	☐ 20 Government Admi	nistration
Stateme	nt of Signif	ficance	<u> </u>				- <u>3</u> -2
operation The item general rarely ev has rese The item	n for over 90 n is a large, engineering ident in ope arch and ed	years. rare, in applica rating w lucation eration	The item dustrial pi ation. The rorkshops. potential fis easy to	is an integra ece exhibitir e item repr . The item e or developin	al part of the ng massive esents forr exhibits a u ng an under	Vorkshops being assoce large steam compress cast-iron construction mer manufacturing tecnity in its design and distanding of early engineting fabric. The item	sed air system. and which had chnologies now letail. The item eering practice.
Conserv	ation Polic	y:					
				cation and b which it belor		d as part of the, Allen S	striker collection
Policy In	nplementat	ion:					
internal to be cle treated. fluid or p inhibitor, should be	pare metal staned and d All external olycrystallin They may	urfaces egrease surface e wax. then be olished	are to be od using a ses are to lead to a lead of the connection o	dried and g ppropriate noe treated ware to be distending are to be disted. All ope	reased to p nethods. A rith an appr sconnected rating surfa	, all bearings and gland prevent rust. All external all superficial rust is to opriate sealant such a , cleaned, dried and traces exhibiting a normal ealant such as Shell E	al surfaces are be removed or as Shell ENSIS reated with rust ally bright finish
Maintena	ance Sched	lule					
the imple	mentation s	ection.	Every 5 y	ears interna	l surfaces s	e necessary, coat as re should be inspected for ved and coated with a	rust. Any rust
•						· .	1
Interpret	ation				<u></u> -	<u> </u>	· · · · · · · · · · · · · · · · · · ·
or prot	, activiti						"

1996

Item Name: Small Furnace	Item No. 95
Name Plate:	
Associated Items: Individual Assemblage Collection System Operational Group Description: This small gas-fired furnace consists of a sheet metal and plate	frame which stands
about 1.2 metres high, is 600mm square in section and is lined with fire brick furnace and has a small door opening at the front which measures about 200mm. History: The history of the item is unknown but it is believed to have been more world War II.	m by 70mm.
Function and Operation: The furnace was used for heating small articles which were worked either by hand or by Allen Striker. Location: Bay 2.5	1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

			WORK	SHOPS MA	CHINERY	CONSERVATION	1996
Item Na	me: Fur	nace					Item No. 95
connector connec	ed and th heavy ru	e item is c	cleaned, s s. The co	erviced and t	ested. The	condition providing pore item will need some item will need some item and the contract of the conditions are the conditions and the conditions are conditions and the conditions are conditional conditions.	epair. The item
Signific	ance Ma	trix			State His	storical Themes:	<u> </u>
-	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	×			×		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Admi	nistration
Stateme	ent of Sig	nificance		,	<u> </u>		
						Workshops being asso e hydraulic press asser	
Conserv	ation Po	licy:	· · ·				
			•	location and	•	rved and retained as p	part of the Allen
				peing cleane edules given		d and maintained ad	cording to the
			•			•	
			•				*
Policy Ir	nplemen	tation:			· .		
rust is to	be remo	ved or trea	ated. All e	ed and degre external surfa alline wax. C	ces are to	g appropriate methods be treated with an app situ.	. All superficial ropriate sealant
			.•			al s	
Mainten	ance Sch	edule					
,			for rust e	very 5 years.	Where ne	ecessary, treat as recor	nmended in the
implemer	ntation se	ction.				*	
					•		·
					•		
Interpret	ation	·					
			•			•	

1996.

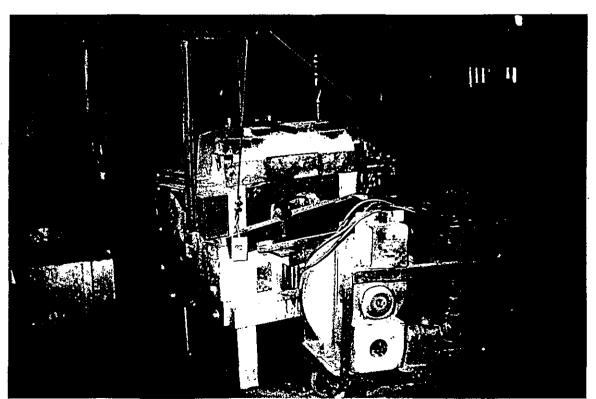
Item Name: The Massey 2CWT Electropneumatic Hamr	ner	Item No. 96
Name Plate:		<u> </u>
Associated Items:		
ndividual \square		
Assemblage ☑ Electropneumatic 2CWT (nort	n) 95-97, 102A, 92.	
Collection Place with 135.		
System \square		_
Operational Group 🔲		~·
Description: The 2CWT electro-pneumatic hammer is a	smaller version of the ha	mmers in Bay
South. The construction is basically in cast iron in a sim		· ·
obliquely to the axis of the machines. The power for the	•	
operating an air compression cylinder behind the main cy		
and the force of the blow is controlled by a foot-ring wh	ch is operated by the bla	cksmith. In th
caste the hammer requires a single operator.		
History: The item was installed in 1938 and has remaine	d in this location since the	n
instally. The item was installed in 1990 and has remained	d III tills location since the	
unction and Operation: The electro-pneumation	```	h 13 East
nammer has the advantage over the small Oliver in tha		1
he blows are delivered perpendicular to the work. Again		
he hammer may be used with swages, fullers and flatters	·	4
Dyes may also be fitted to both the ram and the anvil.		5
		7
		8 9
		10
		13
	<u> </u>	15
	4A 4 3	2 1
Photo: FILM No. 95-169-2-28 Photographe	d and inspected Decemb	per 1995
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The state of the s		7
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	(A)	

1996

Item Nar	ne: Mass	sey 2CW	Γ Pneum:	atic Hammer			Item No. 96
Conditio	n:		 ,				
The item	is in good	d/exceller	it operatii	ng condition.			
	ance Matr Historical	'iX Aesthetic	Social	Technology/ Research Potential	State His	storical Themes:	Industrial Relic
Rare					Themes	13 Transport	
Repres- entative			۵			☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government	Administration
Stateme	nt of Sigr	nificance		<u></u>	•		
	was an i	- ,		e Eveleigh Lo	comotive \	Vorkshops being a	associated with their
The item	is an inte	gral part	of the ele	ctro-pneumati	ic assembl	age.	
The item	and its op	peration is	s easy to	interpret from	its existing	g fabric.	
The item	exhibits a	high deg	ree of st	ructural integri	ity.		
		•					
Conserv	ation Pol	icy:				<u> </u>	
The item	is to rema	ain operat	tional.	. *	-	•	
Policy In	nplement	ation:		· <u> </u>		<u></u>	
The item	is to rema	ain operat	ional.	•			
Conserve			·		•	# 15 18	
							•
Maintena	nce Sch	edule			<u> </u>		
Inspect fo	or physical	l damage	and dete	erioration ever	y 12 month	ns and implement r	epair as necessary.
						• .	
							•
Interpret	ation:						
	-		•			•	
,							
	. ,						

1996

Item Name: Furnace		Item No. 97
Name Plate: N/A		
Associated Items:		
Individual		
Assemblage	•	
Collection 🗹	Furnaces 47, 48, 53, 56, 59,	79, 86, 95, 97, 99, 106, 110, 111, 129,
System	159, 161, 198	
Operational Group		_
Description: This small	furnace which was built in the	Workshops has a steel sheet and plate
frame standing on angled	section legs. It has a pivoted of	ounter-weighted door, it is gas-fired and
used in conjunction with th	e electro-magnetic and Allen Str	ikers.
History: Its history is unk	nown.	
Function and Operation:	A simple gas-fired furnace.	Location: Bay 2 South 13 East
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		15
•	·	4A 4 3 2 1
Photo: FILM No. 9	5-169-2-29 Photographe	and inspected December 1995



EVELEIGH LOCOMOTIVE WORKSHOPS MACHIN	NERY CONSERVATION	N
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1996 -

Item Na	me: Furn	ace		······································			Item No. 97
Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The item will need some repair. The item exhibits heavy rust in places. The condition of the power source is unknown and the power source has probably been disconnected.							
Signific	ance Mat	rix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research	Category	☐ Moveable Item ☐	Industrial Relic
Rare	- .			Potential	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	区			×		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Admi	nistration
Stateme	ent of Sig	nificance					South to the period of the second of the sec
I				_		Vorkshops being asso e hydraulic press asser	
Conserv	ation Po	licy:					
				t location and em to which it	•	rved and retained as p	eart of the forge
				being cleane nedules given		d and maintained ad	ccording to the
				·			
All extern rust is to such as	be remov Shell ENS are to be	es are to be red or treat IS fluid or personned	ed. All- polycrys cted, cle	external surfa talline wax.	ces are to	g appropriate methods be treated with an app with rust inhibitor. The	ropriate sealant
	÷	serve in sit	u. 				
Mainten	ance Sch	edule	•				·
	ill external ntation se		or rust e	every 5 years.	Where ne	cessary, treat as recor	nmended in the
Interpret	ation:		<u> </u>				
	•		•				
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1996____

Item Name: The M	iassey	2CWT Weight Pneumatic Hammer	Item No. 98
Name Plate:			
Associated Items:			
Individual	Ω,		
Assemblage	Ø	Electropneumatic 2CWT (south) 62A, 98, 99	
Collection			
System			
Operational Group			nare Ti

Description: The 2CWT weight electro-pneumatic hammer is a smaller version of the hammer in Bay 1 South. The construction is basically in cast iron in a simple C-Section with the slide path being set obliquely to the access of the machines. The power for the machine is produced by an electric motor operating an air compression cylinder behind the main cylinder of the hammer. The length of blow and the force of the blow is controlled by a foot-ring which is operated by the blacksmith. In this caste the hammer requires a single operator.

History: The item was installed in 1938 and has remained in this location since then.

Function and Operation: The electro-pneumatic hammer has the advantage over the small Oliver in that the blows are delivered perpendicular to the work. Again, the hammer may be used with swages or swing swages, fullers and flatters. Dies may also be fitted to both the ram and the anvil.

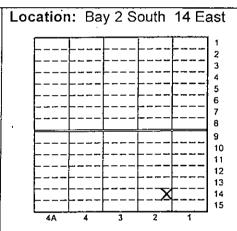
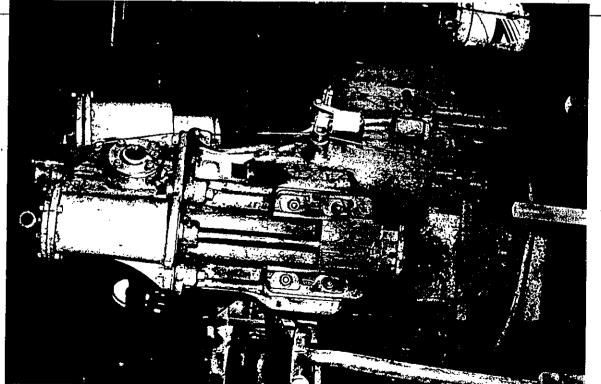


Photo: FILM No. 95-169-2-30 Photographed and inspected December 1995

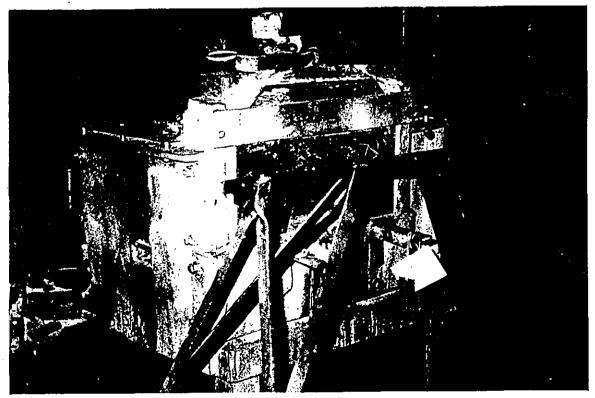


1996____

Item Nar	ne: Mas	ssey 2CWI	Pneuma	atic Hammer			Item No. 98
Conditio	n:					· · · · · · · · · · · · · · · · · · ·	-
The item	is in god	od/exceller	it operati	ng condition.			
Significa	ance Ma Historical	trix Aesthetic	Social	Technology/ Research Potential	State His	storical Themes:	Industrial Relic
Rare					Themes	13 Transport	
Repres- entative	ū					☐ 15 Utilities ☐ 16 Industry ☐ 18 Technology ☐ 20 Government Adm	inîstration
Stateme	nt of Sig	gnificance			L		···
		integral p r 50 years.	art of the	e Eveleigh Lo	comotive V	Norkshops being asso	ciated with their
The item	is an int	egral part	of the ele	ctro-pneumati	ic assembl	age.	
The item	and its	peration is	s easy to	interpret from	its existing	g fabric.	
		•	·	ructural integri			
			•			•	
Conserv	ation Po	olicy:		<u></u>	<u></u>		· · · · · · · · · · · · · · · · · · ·
The item	is to ren	nain operat	ional.				
Policy In	nplemen	itation:	 _	<u> </u>	<u> </u>	`	 _
The item	is to rem	nain operat	ional.		·		
Conserve	e in situ.						
Maintena	nce Sci	nedule					
		•	محمل مأمهم		. 42		
inspect ic	or priysic	ai damage	and dete	enoration ever	y _. 12 montr	ns and implement repa	ir as necessary.
•		•					* ***
						·	
interpret	ation:			 — — — — — — — — — — — — — — — — — —	·		19
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1996....

Item Name: Furnace	Item No. 99
Name Plate:	·
Associated Items:	
Individual	
Assemblage ☑ Electropneumatic 2CWT (south	•
Collection	90, 93, 97, 99
System	
Operational Group	•
Description: This small furnace which was built in the W	orkshops is a steel sheet and plate frame
standing on angled section legs. It is gas-fired and used	•
and Allen Strikers. The former door which was counter-we	eighted and pivoted is missing.
Ulatame da historia colendario	
History: Its history is unknown.	
Function and Operation: A simple gas-fired furnace.	Location: Bay 2 South 14 West
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	6 7
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	9 10
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	4A 4 3 2 1
	44
Photo: FILM No. 95-169-2-31 Photographe	d and inspected December 1995



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1996

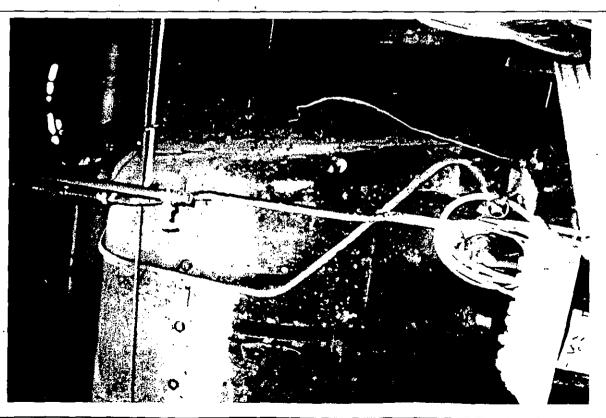
Item Name: Furnace	Item No. 99
connected and the item is cleaned, serviced and	in operable condition providing power sources are tested. The item will need some repair. The item ne power source is unknown and the power source
Significance Matrix	State Historical Themes:
Historical Aesthetic Social Technology/ Research Potential	1
Rare 🗆 🗆 🖸	Themes 13 Transport 15 Utilities
Repres- entative 🗵 🛄 🗵	☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration
Statement of Significance	25 55 (1) (1) (2)
	ocomotive Workshops being associated with their integral part of the electro-pneumatic hammer
Conservation Policy:	
assembly and furnace collection system to which	ed, serviced and maintained according to the
Policy Implementation:	
	reased using appropriate methods. All superficial faces are to be treated with an appropriate sealant
Conserve in situ.	
Maintenance Schedule	
Inspect all external surfaces for rust every 5 years implementation section.	s. Where necessary, treat as recommended in the
·	
Interpretation:	
• • •	
· ·	·

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	RY CONSERVATION	1996
Item Name: The C-36 Class Boiler		Item No. 188
Name Plate:		
Associated Items:		
Individual		
Assemblage \square_{j}		
Collection Boilers 188-191		
System Steam 1-4, 28, 29, 31, 32, 54,	57, 188-191	
Operational Group		
Description: The C-36 Class Locomotive Boiler was o		
installed in the workshops to provide steam throughout Bay		,
Boilers are over 8 metres long and stand well over 3 me		
which protrudes past the annexe in which it is housed and	d the short stack passes	up through the
roof of the annexe.		
History: The history of the boilers is unknown. However	=	
locomotives which operated on the SRA network which we	•	
location, possibly after World War II. Modifications to the a		entary evidence
indicate that this is the third set of boilers which occupied the Function and Operation: The Boilers were originally		15 Woot
coal fired but were converted to oil in the 1970s. The	Location. Day 2 South	15 vvest
introduction of oil meant that further equipment such as		 1
blowers were added to the boilers.		
bioticis trais daded to the benefit.		
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Photo:

FILM No. 95-169-6-17

Photographed and inspected December 1995



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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION Item Name: C36 Class Boiler Condition: The external surface of the item has patches of superficial rust and bare metal. The condition of internal components is unknown. A boiler inspector should be employed to determine condition.

Significance Matrix					State Historical Themes:			
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	Industrial Relic	
Rare	ĺΧ	×		×	Themes	☐ 13 Transport☐ 15 Utilities		
Repres- entative	×			×		☐ 16 Industry ☐ 18 Technology	•	
	•					20 Government	Administration	

Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 60 years. The item is an integral part of the steam system. The item represents former manufacturing technologies now rarely evident in operating workshops. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item is impressive in size and form and exhibits a unity in its design and detail. The item has research and education potential for developing an understanding of early engineering practice. The item will yield information on the nature of past work practices. The item is significant to a large number of former workers and members of special interest societies.

Conservation Policy:

The item is to retained in its present location and be preserved or restored as part of the boiler collection and steam system to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below. (One boiler to be made operational).

Policy Implementation:

All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A heavily rusted surface should be cleaned with abrasive blasting using a limestone or similar abrasive or steel brushing. Remnant rust should be treated with an inhibitor and finally coated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All pipes should be disconnected and, where possible, uncoupled at flanged joints. Internal surfaces should be treated with a dispersant, dried and treated with an appropriate inhibitor and, where possible, sealed. Conserve in situ.

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. Items which are stored externally must be inspected for rust or oxidation every 12 months. Any rust or oxidation product is to be treated according to the implementation section. A boiler inspector should be employed to determine schedule.

Interpretation:

1996

Item Name: The C-	Item No. 189	
Name Plate:		
Associated Items:		·
Individual		
Assemblage		
Collection	☑/ Boilers 188-191	
System	☑ Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191	
Operational Group		

Description: The C-36 Class Locomotive Boiler was originally a hand-stoked, coal fired boiler installed in the workshops to provide steam throughout Bays 1-15 and also to the Oliver Shop. The Boilers are over 8 metres long and stand well over 3 metres high. Each has a smoke-box end which protrudes past the annexe in which it is housed and the short stack passes up through the roof of the annexe.

History: The history of the boilers is unknown. However, it is believed that they are from former locomotives which operated on the SRA network which were specially modified and installed in this location, possibly after World War II. Modifications to the annexe and some documentary evidence indicate that this is the third set of boilers which occupied this location.

Function and Operation: The Boilers were originally coal fired but were converted to oil in the 1970s. The introduction of oil meant that further equipment such as blowers were added to the boilers.

Location: Bay 2 South 15 West introduction: Bay 2 South 15 West introduction of oil meant that further equipment such as blowers were added to the boilers.

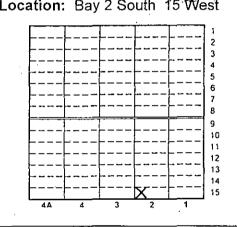
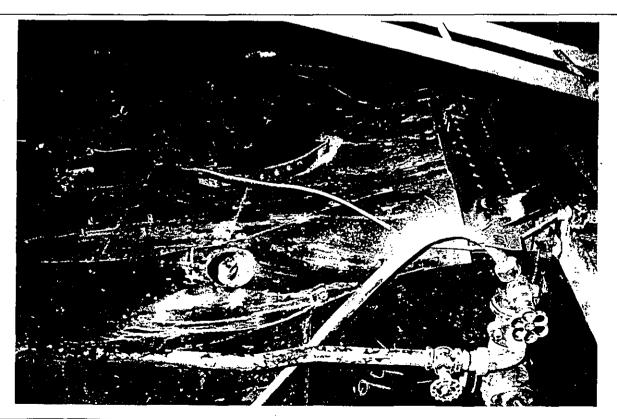


Photo: FILM No. 95-169-6-18 Photographed and inspected December 1995



	ame: C36	Class Bo	iler			· · · · · · · · · · · · · · · · · · ·	Item No. 189
Condit	ion:			 -			<u> </u>
The ev	ternal surf	ace of the	item ha	s natches of s	superficial	rust and bare metal.	The condition of
						e employed to determi	
Significance Matrix					State Historical Themes:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	Œ	×		×	Themes	13 Transport	
Repres-					·	15 Utilities	
entative				X	<u> </u>	16 Industry	
iiidii v C			_	<u> </u>		18 Technology	
					}	20 Government Adm	inistration
ractice o a lar conse	e. The itenge number	n will yield of former licy:	informati workers	on on the natu	re of past of special	an understanding of e work practices. The interest societies.	tem is significant
ollection ervice	on and ste	am syster itained ac	n to which	ch it belongs.	The item	erved or restored as p is to be preserved by d maintenance schedu	being cleaned,
				<u> </u>			
	Implemen	tation:	-	<u> </u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·
Policy All extenses to the second sec	ernal surface to be remoned Shell ENG to blasting with an inlestalline wa Internal su	ces are to ved or trea SIS fluid o using a lin nibitor and x. All pip rfaces sho	ated. All or polycrysteestone of finally controlled the controlled	external surfa stalline wax. or similar abra pated with an d be disconne	ces are to A heavily isive or ste appropriate cted and, lispersant,	g appropriate methods be treated with an app rusted surface should eel brushing. Remnan e sealant such as She where possible, uncon dried and treated with	propriate sealant be cleaned with t rust should be Il ENSIS fluid or upled at flanged
Policy All externation as abrasive reated polycryspints.	ernal surface to be remoned Shell ENG to blasting with an inlestalline wa Internal su	ces are to ved or trea SIS fluid o using a lin nibitor and x. All pip rfaces sho re possible	ated. All or polycrysteestone of finally controlled the controlled	external surfa stalline wax. or similar abra pated with an disconne eated with a control with a	ces are to A heavily isive or ste appropriate cted and, lispersant,	be treated with an apprusted surface should belonged brushing. Remnant sealant such as Shewhere possible, uncor	propriate sealant be cleaned with t rust should be Il ENSIS fluid or upled at flanged

Interpretation:

1996

Item Name: The C-	36 Cla	assed Boiler				Item No. 1	190
Name Plate:							
Associated Items:					···		
Individual							
Assemblage	\square /		•	•			
Collection	Ø	Boilers 188-191					
System		•					
Operational Group							

Description: The C-36 Class Locomotive Boiler was originally a hand-stoked, coal fired boiler installed in the workshops to provide steam throughout Bays 1-15 and also to the Oliver Shop. The Boilers are over 8 metres long and stand well over 3 metres high. Each has a smoke-box end which protrudes past the annexe in which it is housed and the short stack passes up through the roof of the annexe.

History: The history of the boilers is unknown. However, it is believed that they are from former locomotives which operated on the SRA network which were specially modified and installed in this location, possibly after World War II. Modifications to the annexe and some documentary evidence indicate that this is the third set of boilers which occupied this location.

Function and Operation: The Boilers were originally coal fired but were converted to oil in the 1970s. The introduction of oil meant that further equipment such as blowers were added to the boilers.

Location: Bay 2 South 15 West formula to the solid series of the solid series originally coal formula to the solid series originally coal formula to the solid series or solid series

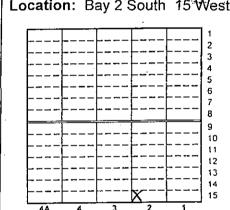
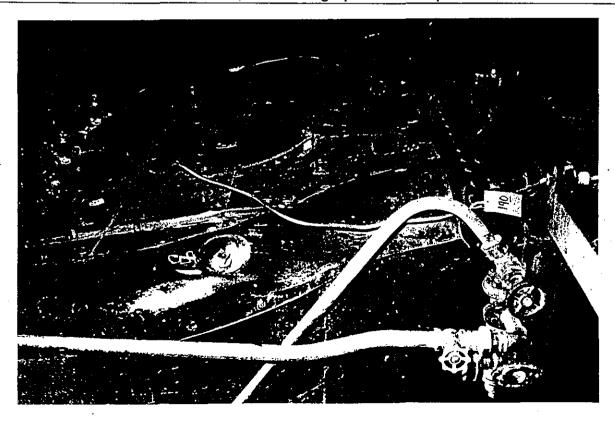


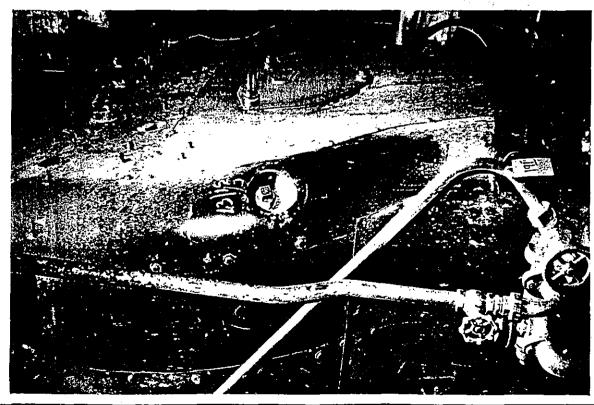
Photo: FILM No. 95-169-6-19 Photographed and inspected December 1995



1996-

Item Na	me: C36	Class Boi	ler				Item No. 190
Conditi	on:	<u></u>					
The external surface of the item has patches of superficial rust and bare metal. The condition of internal components is unknown. A boiler inspector should be employed to determine condition.							
Signific	ance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	×		Potential	Themes	☐ 13 Transport	·
Repres-						15 Utilities	
entative	×			X		☐ 16 Industry ☐ 18 Technology	
•						20 Government Adm	inistration
worksho machine item ha practice to a larg	ops. The es. The it s researd . The iter e number	item evide em is impre h and edu n will yield of former	ences the essive in cation po informati	e versatility of size and form otential for de on on the nati	the works and exhib veloping a ure of past	logies now rarely evid shops in the manufact its a unity in its design an understanding of e work practices. The it interest societies.	ure of tools and and detail. The arly engineering
Conser	vation Po	licy:					
collectio serviced	n and ste I and mai	eam systen	n to which cording to	h it belongs.	The item	erved or restored as p is to be preserved by d maintenance schedu	being cleaned,
Policy I	mplemen	tation:				-,	· ·
rust is to such as abrasive treated v polycrys joints. I	Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. A heavily rusted surface should be cleaned with abrasive blasting using a limestone or similar abrasive or steel brushing. Remnant rust should be treated with an inhibitor and finally coated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All pipes should be disconnected and, where possible, uncoupled at flanged joints. Internal surfaces should be treated with a dispersant, dried and treated with an appropriate inhibitor and, where possible, sealed. Conserve in situ.						
Mainten	ance Sci	redule	,				
the imploxidation	Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. Items which are stored externally must be inspected for rust or oxidation every 12 months. Any rust or oxidation product is to be treated according to the implementation section. A boiler inspector should be employed to determine schedule.						
Interpre	tation:						· · · · · · · · · · · · · · · · · · ·
		•					<u>.</u>
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EVELEIGH LOCOWOTIVE WORKSHOPS MACHINERY CONSERVATION	v 1996
Item Name: The C-36 Classed Boiler	Item No. 191
Name Plate:	
Associated Items:	
Individual	
Assemblage \square_{ℓ}	
Collection	
System	
Operational Group	
Description: The C-36 Class Locomotive Boiler was originally a hand-stoke	d, coal fired boiler
installed in the workshops to provide steam throughout Bays 1-15 and also to the	
Boilers are over 8 metres long and stand well over 3 metres high. Each has	
which protrudes past the annexe in which it is housed and the short stack pas	ses up through the
roof of the annexe.	
History: The history of the boilers is unknown. However, it is believed that the	-
locomotives which operated on the SRA network which were specially modified	
location, possibly after World War II. Modifications to the annexe and some doc	umentary evidence
indicate that this is the third set of boilers which occupied this location.	
Function and Operation: The Boilers were originally Location: Bay 2 So coal fired but were converted to oil in the 1970s. The	outh 15 yyest
introduction of oil meant that further equipment such as	1
blowers were added to the boilers.	2
blowers were added to the bollers.	
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Photo: FILM No. 95-169-6-20 Photographed and inspected Dece	mber 1995



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EVELEIGH LOC	OMOTIVE WOR	RKSHOPS MAC	CHINERY CO	NSERVATION	
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1996 ___

Item Name:	C36 Class B	oiler				Item No. 191
Condition:	<u>. </u>		· · · · · · · · · · · · · · · · · · ·			1
The external :					rust and bare metal. e employed to determi	
Significance	Matriy			State His	storical Themes:	
Histori		Social	Technology/ Research Potential	Category		Industrial Relic
Rare 🗵	×		×	Themes	13 Transport	
Da				,	15 Utilities	•
Repres- entative	. 🗖	П	×		16 Industry	
entative 🗵		L	151	,	18 Technology	
+					20 Government Admi	inistration
system. The workshops. The machines. The item has rese practice. The to a large num	item represe The item evid e item is imp arch and ed item will yield ber of forme	ents forme dences the pressive in ducation pe d informati	er manufacturi e versatility of size and form otential for de on on the natu	ng techno the works and exhib veloping a ure of past	e item is an integral parallogies now rarely evides hops in the manufaction its a unity in its design an understanding of each work practices. The its interest societies.	ent in operating ure of tools and and detail. The arly engineering
Conservation	Policy:			***************************************		
collection and	steam syste naintained a	em to whice ccording to	h it belongs.	The item	erved or restored as p is to be preserved by d maintenance schedu	being cleaned,
Policy Implen	nentation:					
rust is to be re such as Shell abrasive blast treated with ar polycrystalline	emoved or tre ENSIS fluid ing using a lin inhibitor an wax. All pil I surfaces sh	eated. All or polycry imestone of finally copes should be tr	external surfa stalline wax. or similar abra pated with an d be disconne eated with a c	ces are to A heavily i sive or ste appropriate cted and, dispersant,	g appropriate methods be treated with an app rusted surface should sel brushing. Remnan e sealant such as Shel where possible, uncou dried and treated with	propriate sealant be cleaned with trust should be I ENSIS fluid or upled at flanged
Maintenance	Schedule					
the implement oxidation ever	tation sectiony 12 month	n. Items s. Any r	which are struct or oxidat	tored exte ion produc	e necessary, coat as re rnally must be inspec ct is to be treated ac ed to determine schedu	cted for rust or coording to the
Interpretation						
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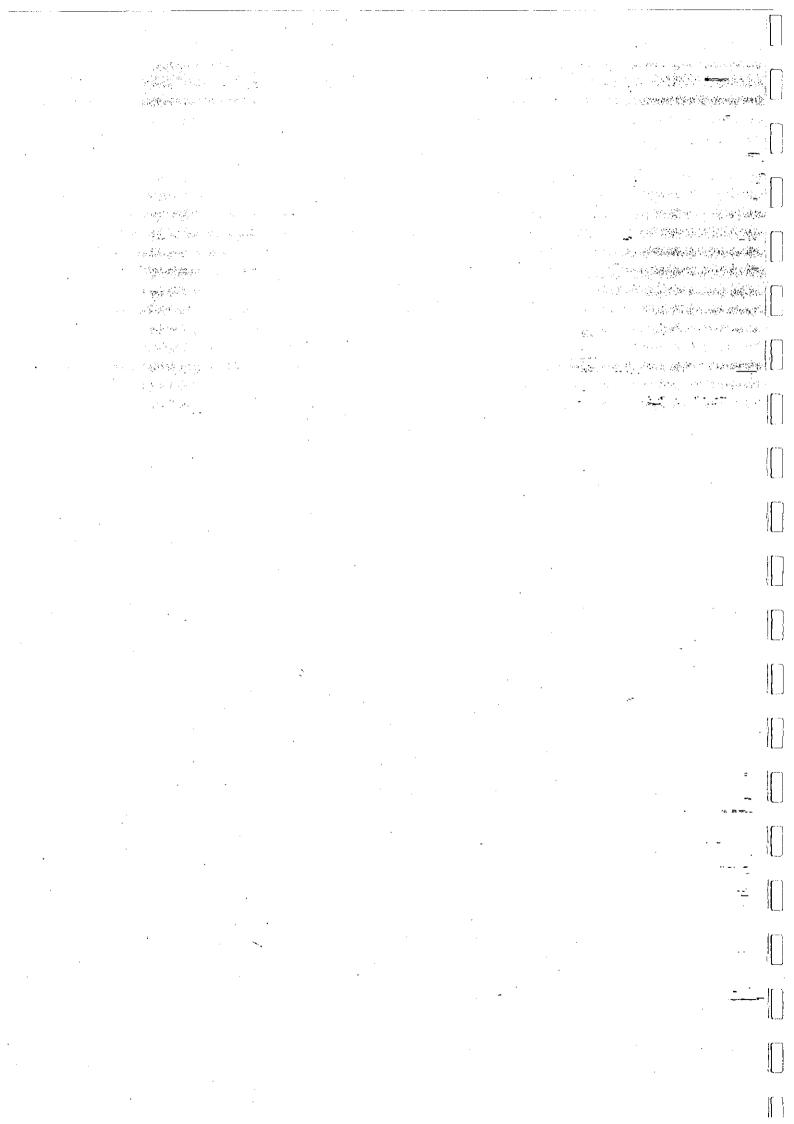
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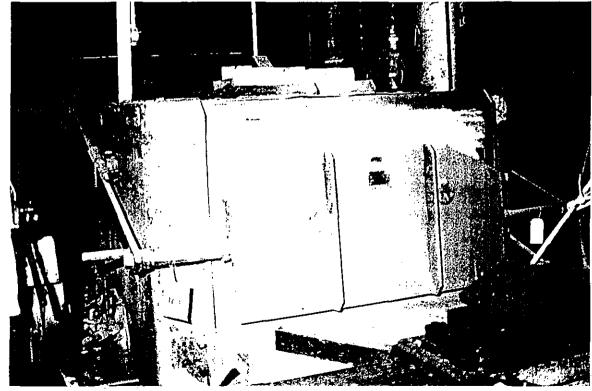
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1996

	<u> </u>							
Item Name: Reheat	ing Furnace						item No.	124
Name Plate:					-	1		
Associated Items:								
Individual								
Assemblage	☑ Steam	Hammer	800CWT	. 27DE,	29, 3	31A,	34GH,	36G
Collections								
Systems			•					
Operational Groups	☑ Spring	Shop 123-	125, 149-1	57, 159, 16	i1		•	
Description: This is springs prior to heat with fire bricks. The spring. The furnace is	treating. The heating is d	e furnace i lone indirec	s manufact tly and the	ured form flame doe	sheet a es not ir	nd plate s	steel and	lined
History: The history the Second World Wa		s unknown	but it is be	lieved to h	ave bee	n manufa	ctured pr	ior to
Function and Opera	ition:		-	Locati	on: Bay	/ 3 North 3	-4:West	**:
						•		
		•						
			•		•			
Photo: FILM N	No. 95-169-4	-24 PI	hotograph	ed and ins	pected	Decembe	r 1995	
			17		Į.			



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1996 ---

Item Na	me: Rel	neating Fur	nace	······································			Item No. 124
Conditi	on:			 			
		em appears ed, service			dition provi	ding power sources are	e connected and
The exte	ernal surf	ace of the	item has	patches of su	perficial ru	st and bare metal.	
Signific	ance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	<u></u>	Industrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	
Repres-	æ		п	뗴		☐ 16 Industry	`
entative	X		.	圏		☐ 18 Technology	
						20 Government Admi	
being as	ssociated assemb	with their lage. The	operatior item and	n for over 40 y	years. Th	of the Eveleigh Locomo e item is an integral po interpret from its exis	art of the steam
	•						
Conser	vation Po	olicy:			<u> </u>		
				esent location Spring Shop to		preserved as part of the elongs.	he spring coiler
			•				
Policy li	mplemen	itation:					. ,
Surface	rust is to	be remove	d and su	rface treated v	vith conve	rter and sealed.	
						ito, and obolog.	
					•	ı	1
	•					·	
Mainton	anaa Sal	andula.					
wainten	ance Scl	lequie					
Inspect f	or physic	al damage	and dete	rioration every	/ 12 month	ns and implement repai	r as necessary.
						•	
	•						
Interpre	tation:						
			••				
							ļ
				•			- -
					•		
							•

1996

Item Name: Whitam	ı Spri	ng Coiler	Item No. 125
Name Plate:]
Associated Items:			
Individual			
Assemblage	☑	Davy Press 1-24, 207. Steam Hammer 40 CWT 47, 53, 66BCD, 70	, 54, 56,
Collections			
Systems			***
Operational Groups		Spring Shop 123-125, 149-157, 159, 161	
Description: The m	achir	ne is about 4 metres long and stands in excess of a metre	high. It is fitted
with a large, open g	ear a	at the head-stock end which rotates the mandrel on which	ch the spring is

formed. The spring coiler has the basic shape of a lathe and, in most respects, resembles one.

Function and Operation: The coiled springs were exceptionally important throughout the railway systems. Coil springs were wound in the spring shop. They were ground and heat treated in Bays 3 and 4. The diameter of the springs could be varied by using different diameter

mandrills which were set into the drive of the spring coiler.

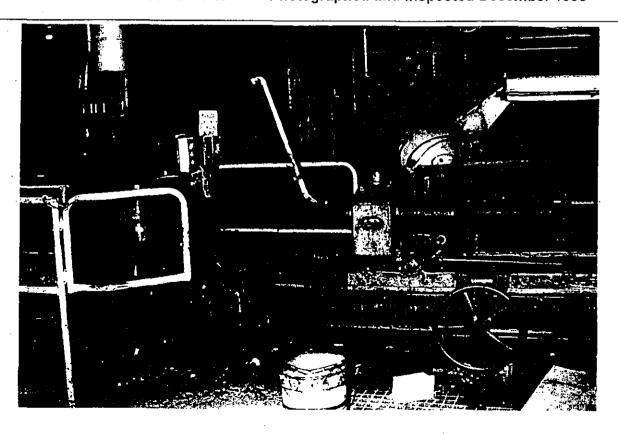
History: The coiler was installed in 1912.

Location: Bay 3 North 2-3 West

Photo:

FILM No. 95-169-4-25

Photographed and inspected December 1995



.1996____

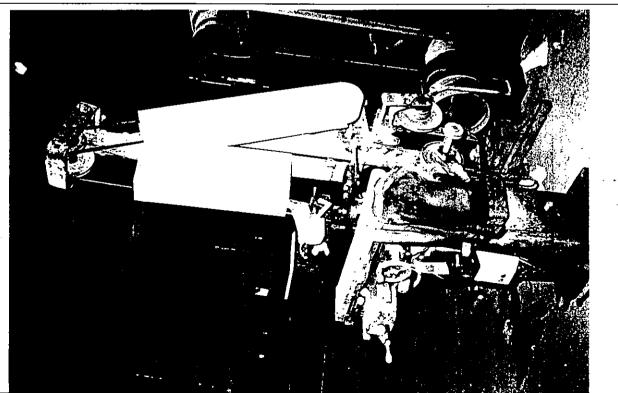
Item Nam	e: Whith	am Sprir	ng Coiler		<u> </u>	·		Item No. 125
Condition	1:							
Operation	al.							
Significa					State His	torical Themes:		
н	istorical <i>i</i>	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	a	Industrial Relic
Rare	×	☒			Themes	☐ 13 Transport ☐ 15 Utilities		
Repres-	-		_	-	[☐ 16 Industry		
entative	<u>8</u>	Ц	ч	2		18 Technology		
						☐ 20 Government A	Admi	nistration
and its op	eration is	easy to	interpre	t from its exis	sting fabric	eral engineering ap . The item exhibi Shop operational g	tș a	high degree of
Conserva	tion Poli	cy:			· · · · · · · · · · · · · · · · · · ·			
assemblag	ge and Sp	oring Sho	p operati	onal group to	which it be			
				edules given		d and maintained	ı ac	cording to the
			,					
Policy Imp	plementa	tion:						
rust is to b	e remove	ed or trea	ted. All e	ed and degre external surfa alline wax.	ased using ces are to l	appropriate meth be treated with an	ods. appr	All superficial opriate sealant
All moving	parts of e	electric m	otors are	to be covere	d to prever	at ingress of dust.		. •
Maintenar	ice Sche	dule					<u>-</u>	
,	.00 00(10	uuio	,					
Inspect all the implem			for rust e	very 12 mont	hs. Where	necessary, coat a	as re	commended in
Interpretat	tion:				···			
		•						
	•						•	·
	•			•				

1996___

Item Name: Departi	mental Grinder			Item No. 126
Name Plate: N/A				
Associated Items:	· · · · · · · · · · · · · · · · · · ·			
Individual	Ø			
Assemblage				
Collections				
Systems			•	
Operational Groups				***
grinder, manufacture with a small adjustat by its own attached it table.	d by the railways the ble table which has lo motor has two grindir	mselves. It stand ongitudinal and trang ong wheels, one at	Bay 14 North and was ds in excess of 2 metre ansverse travel and the bove the table and one	s high. It is fitted e machine, driven at the end of the
the war prevented the	ne introduction of im	ported machines.	but it is believed to be This item has been at the Eveleigh Worksh	made from other
Function and Oper grinding and shar	ration: The grinde pening tools and	r was used for cutters used	Location: Bay 3 Nor	th 4 East

throughout Bay 14.

Photo: FILM No. 95-169-4-26 Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996-

Item Na	me: Grin	der Depai	tmental I	Made.			Item No. 126
Conditi	on:			<u> </u>	<u> </u>		
	ral, the ite is cleane				dition provi	ding power sources ar	e connected and
			item has	patches of su		st and bare metal.	
Signific	ance Mat	rix Aesthetic	Social	Technology/	State His	storical Themes:	
	Historical	Aestrono	Opolai	Research Potential	Category		Industrial Relic
Rare	Œ	۵		×	Themes	☐ 13 Transport☐ 15 Utilities	,
Repres- entative	×	ū	۵	\(\overline{\mathbb{X}}\)		☐ 16 Industry ☐ 18 Technology	
						20 Government Adm	inistration
worksho detail.	ps in the	manufact and its op	ure of too eration is	ols and mach	ines. The	e item evidences the item exhibits a unity its existing fabric. The	n its design and
Conser	vation Po	licv:		<u> </u>	·		
	n is to be ich it was i				estened to	a bed close to the loc	eation of the one
Policy li	mplement	ation:			· · · · · · · · · · · · · · · · · · ·		
rust is to	be remov	ed or trea	ted. All			g appropriate methods be treated with an app	
		•				$\mathcal{A}_{\mathcal{A}} = \mathcal{A}_{\mathcal{A}} = \mathcal{A}_{\mathcal{A}} = \mathcal{A}_{\mathcal{A}}$	
				•		er .	
Vainten	ance Sch	edule		<u> </u>			
	all externa ementation		for rust o	every 12 mont	hs. Where	e necessary, coat as r	ecommended in
ntounue	fation				<u> </u>	·	
nterpre	ដេលព្រះ				•		
			•		•	·	
							.i. -
						•	,

1996

Item Name: Small F	edestal Drill		Item No. 127
Name Plate: N/A			<u> </u>
Associated Items:			
Individual	\square	•	
Assemblage			
Collections			
Systems			
Operational Groups			•
Description: This d	ill stands in excess of 2 metres high. 1	5 metres long and abou	it 1 metre wide

Description: This drill stands in excess of 2 metres high, 1.5 metres long and about 1 metre wide. The bed for the drill holds the pedestal which has a curved extension at the rear to hold the driving pulleys and two extensions at the front to hold the drill head. This is attached to a series of four variable speed pulleys at the bottom of the pedestal and an equivalent reverse set at the top rear of the pedestal. This four speed could be further modified by two gear trains attached to the driving and driven shafts of the driving head of the drill. The drill head itself was fixed except for limited drill travel and the slotted circular stockbed could be raised and lowered on the cast iron ways cut on the external surfaces of the pedestal.

History: The item is believed to have been originally installed in bay 14 in 1899. It was then transferred to a number of locations before being placed in a number of small workshops to the south of the main suite of buildings. It was moved to this location in 1989.

Function and Operation: The pedestal drill was a general purpose tool used for various operations throughout the workshops.

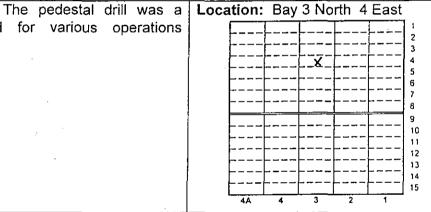
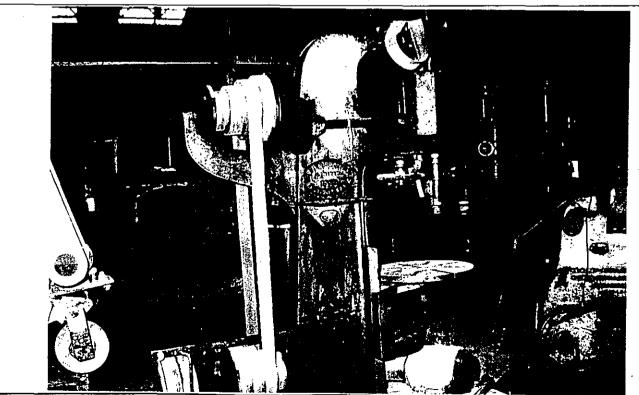


Photo:

FILM No. 95-169-4-27

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

itoiii ital	me: Drill						Item No. 127
Conditio	n:	 _	<u> </u>				
In gener:	al the ite	m annear	s to be in a	operable con	dition provi	ding power sources	are connected and
		d, service			altion provi	ung ponor dodrood	
The exte	rnal curf	ace of the	item hae r	natches of su	perficial ru	st and bare metal.	
	ance Ma		item nas p	Jatories of su		storical Themes:	
_	Historical	Aesthetic	Social ·	Technology/ Research Potential	Category	☐ Moveable item	☐ Industrial Relic
Rare	X	×		×	Themes	13 Transport	
Repres-						☐ 15 Utilities ☐ 16 Industry	
entative	×			×		16 Industry	
						20 Government Ad	iministration
and Cuul					יים ממונונונו		
	•	gree of str		_	tanding of	early engineering p	ractice. The item
exhibits a	•	gree of str		_	tanding of	earry engineering p	ractice. The item
exhibits a Conserv The item	a high de	gree of str licy: preserve	uctural int	egrity.		cation in association	
exhibits a Conserv The item	a high de ation Po is to be	gree of str licy: preserve	uctural int	egrity.			
exhibits a Conserv The item	a high de ation Po is to be	gree of str licy: preserve	uctural int	egrity.			
exhibits a	a high de ation Po is to be	gree of str licy: e preserve	uctural int	egrity.			
Conserv The item cossibly i	ation Po is to be n Bay 12	licy: e preserve	ed and m be cleane	egrity. ounted in a	suitable lo		n with a lineshaft
Conserving The Item possibly in Policy Impust is to such as S	ation Po is to be in Bay 12 nplemental surface be remove	licy: e preserve tation: ees are to yed or trea	be cleaned ted. All e	egrity. ounted in a ed and degreexternal surface	suitable lo ased using ces are to	cation in association	n with a lineshaft
Conservence on servence of the item consibly in the conservence of the	ation Po is to be in Bay 12 nplemental surface be remove	licy: e preserve tation: es are to yed or trea SIS fluid or	be cleaned ted. All e	egrity. ounted in a ed and degreexternal surface	suitable lo ased using ces are to	cation in association	n with a lineshaft
Conserving The item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possible i	ation Points to be removed the IENS at the	licy: e preserve tation: es are to ved or trea siS fluid or elocate to a	be cleaned and more ted. All expolycrystanother backers should	egrity. ounted in a ed and degreexternal surface alline wax. ay (10 North).	suitable lo ased using ces are to	cation in association	n with a lineshaft ds. All superficial ppropriate sealant
Conserving The item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possible i	ation Points to be removed the IENS at the	licy: e preserve tation: es are to ved or trea siS fluid or elocate to a	be cleaned and more ted. All expolycrystanother backers should	egrity. ounted in a ed and degreexternal surface alline wax. ay (10 North).	suitable lo ased using ces are to	cation in association g appropriate method be treated with an a	n with a lineshaft ds. All superficial ppropriate sealant
Conservence of the item possibly in the item possibly in the possibly in the possibly in the possibly in the possibly in the possible of the p	ation Points to be removed the surface School ENS	licy: e preserve tation: es are to ved or trea siS fluid or elocate to a	be cleaned and more ted. All expolycrystanother backers should	egrity. ounted in a ed and degreexternal surface alline wax. ay (10 North).	suitable lo ased using ces are to	cation in association g appropriate method be treated with an a	n with a lineshaft ds. All superficial ppropriate sealant
Conserving The item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possibly in the item possible i	ation Points to be removed the surface School ENS	licy: e preserve tation: es are to ved or trea siS fluid or elocate to a	be cleaned and more ted. All expolycrystanother backers should	egrity. ounted in a ed and degreexternal surface alline wax. ay (10 North).	suitable lo ased using ces are to	cation in association g appropriate method be treated with an a	n with a lineshaft ds. All superficial ppropriate sealant
Conservence of the item possibly in the item possibly in the possibly in the possibly in the possibly in the possibly in the possible of the p	ation Points to be removed the surface School ENS	licy: e preserve tation: es are to ved or trea siS fluid or elocate to a	be cleaned and more ted. All expolycrystanother backers should	egrity. ounted in a ed and degreexternal surface alline wax. ay (10 North).	suitable lo ased using ces are to	cation in association g appropriate method be treated with an a	n with a lineshaft ds. All superficial ppropriate sealant

1996

Item Name: The Bevel Wheel Planer	Item No. 128
Name Plate: NSWGR No. 393 Class P	1
The Robey-Smith Bevel Wheel Planer	
Buck & Smith & Coventry's Patent Manchester	
A	
Associated Items:	
Individual Assemblage	****
Assemblage Collections	•
Systems	-
Operational Groups ☑ Spring Shop 123-125, 149-157, 159, 161	
	<u>, </u>
Description: This Bevel wheel planer is an extraordinarily complex early machine	-
gear wheels. It is about 2.5 metres long, 2 metres wide and stands about 1.8	_
extremely complex construction involves pre-WWI technology and a close inspec	tion can reveal it
mode of operation.	to de la companya di
History: The item was manufactured in 1911 and was probably located for most of	of its life in hay 9
incory: The near managed and the first and trace proceeding received for most.	· ·
unction and Operation: The item was used to cut Location: Bay 3 Nor	th 3-4 East
Bevel gears for use throughout the workshops and SRA	
ail system. It is one of the more complex of the early	
nachines.	
·	
Photo: FILM No. 95-169-4-28 Photographed and inspected Decen	nber 1995
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1996

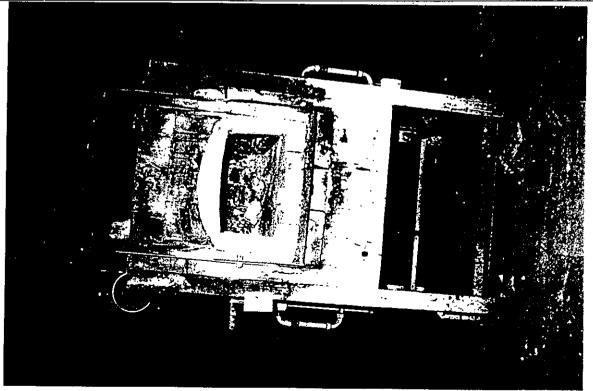
Item No. 128

Item Name: Bev	vel Wheel I	Planner				
Condition:					e metal.	
					hemes:	
In general, the ite the item is cleane				dition provi	ible Item	Industrial Relic
The external surf	ace of the	item has	patches of su	perficial ru	nsport t and bar _{ities}	
Significance Ma				State His	torical Tl _{ustry}	
Historical	Aesthetic	Social	Technology/ Research Potential	Category	Moveshnology vernment Admi	nistration
Rare 🗵			×	Themes	☐ 13 Tra	
Repres-					☐ 15 Utilleigh Locomo	industrial niece
entative 🗵			×		16 Inda large, raio,	ation. The item
Jinuaro 🗀		-	_	-	18 Tecleering applications and machine 20 Gool. The item a	es. The item is
s easy to interpre	et from its	and exn	ibits a unity in abric. The iter	its design n exhibits a	e of tools and detai high dec	ation of the one
Conservation Po	olicy:	to Bay 13	3 North and fa	n exhibits a	and detai _{se} to the loca high dec	All superficia
Conservation Po	olicy: removed	to Bay 13	3 North and fa	n exhibits a	and detai _{se} to the loca high dec	All superficial
Conservation Po	olicy: removed	to Bay 13	3 North and fa	n exhibits a	and detai _{se} to the loca high dec	All superficial
Conservation Por The item is to be rom which it was Policy Implemental Surface	plicy: removed removed a	to Bay 13 and conso	3 North and fa	astened to	and detai se to the local high dec high dec a bed clo iate methods. d with an appropr	All superficial
Conservation Por The item is to be rom which it was Policy Implemental surfacust is to be removed.	plicy: removed removed a	to Bay 13 and conso	3 North and factored. seed and degree external surface	astened to	and detai se to the local high dec high dec a bed clo iate methods. d with an appropr	All superficial
Conservation Por The item is to be rom which it was Policy Implemental Surfacust is to be removed.	plicy: removed removed a	to Bay 13 and conso	3 North and factored. seed and degree external surface	astened to	and detai se to the local high dec se to the local high dec se to the local se	All superficial opriate sealant
Conservation Por The item is to be rom which it was Policy Implemental external surfacust is to be removed.	plicy: removed removed a retation: ces are to ved or trea	to Bay 13 and conso be clean ated. All	3 North and faerved. ed and degreexternal surfatalline wax.	astened to	and detai se to the local high dec se to the local high dec se to the local se	All superficia opriate sealant
Conservation Por The item is to be from which it was Policy Implemental surfacust is to be removed as Shell EN	olicy: removed a removed a removed a removed a removed a removed are to sees are to oved or trea SIS fluid or ate to anot	to Bay 13 and conso be clean ated. All	3 North and faerved. ed and degreexternal surfatalline wax.	astened to	and detai se to the local high dec se to the local high dec se to the local se	All superficial opriate sealant
Conservation Por The item is to be from which it was Policy Implemental surfaction as Shell ENCOnserve. Relocationspect all external surfactions and the Relocations of the Relocations	plicy: removed removed a removed a removed or trea SIS fluid or rate to anot redule	to Bay 13 and conso be clean ated. All r polycrys	3 North and faerved. eed and degreexternal surfatalline wax.	astened to	and detai _{se} to the local high dec	All superficial
Conservation Por The item is to be from which it was Policy Implementation as Shell ENGONSERVE. Relocation as Shell externation as Shell externation as Shell externation as Shell externation as Shell externation as Shell externation.	plicy: removed	be cleanated. All polycrys	B North and factored. Bed and degree external surfatalline wax. 13 North).	eased using ces are to	and detai _{se} to the local high dec	All superficia opriate sealan

2016 PH: (02) 319 4811

1996_

Item Name: Furnac	;e			Item No. 129
Name Plate: N/A				<u>. </u>
Associated Items:				
Individual				
Assemblage		7 40 50 50 50 70		
Collections), 86, 95, 97, 99, 106, 110	J, 111, 129,
Systems	159, 161, 19	8		<u></u>
Operational Groups				
	mall heating furnace	e was operated on	gas. It is now missing it	s front door and
is in poor condition.				
History: The history	of the item is unkn	own.		
Function and Opera	ation: N/A.		Location: Bay 3 North	.3 East
			4A 4 3	1 1 2 2 3 4 5 6 7 7 8 8 9 10 11 12 13 14 15 2 1
Photo: FILM	No. 95-169-4-29	Photographed	and inspected Decemb	er 1995



Item Na	me: Furn	ace			,		Item No. 129
Condition	on:				,		
1	·	• •			-	ole because of missi st and bare metal	ng components.
Signific	ance Mat	rix		···· <u> </u>	State His	storical Themes:	***
	Historical		Social .	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare	X			Ū	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	×		u .	×		☐ 16 Industry ☐ 18 Technology	
		·			<u> </u>	20 Government A	dministration
Stateme	ent of Sig	nificance				•	Section 1997 and 1997
,	n was an n for over		ırt of the	Eveleigh Lo	comotive V	Vorkshops being as	ssociated with their
The item	and its o	peration is	easy to	interpret from	its existing	g fabric.	•
Conserv	ation Po	licy:		<u> </u>		<u> </u>	
Preserve	e and relo	cate to Bay	15.				
						•	
		·					
Policy Ir	nplement	tation:					
abrasive	or steel b	rushing. F	Remnant		e treated v	with an inhibitor and	mestone or similar I finally coated with
Conserve	e. Reloca	te to Bay 1	5.				
1							
				•	,	* ·	
Mainten	ance Sch	edule		·····		<u></u>	
Inspect a	all externa	surfaces to section.	for rust e	every 12 mont	ths. Where	e necessary, coat a	s recommended in
			•				· -
						,	
Interpret	tations			<u>-</u>			· · · · · · · · · · · · · · · · · · ·
micibie	auon.	,					ľ
		•					
							-
							-

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	CONSERVATION	1996
Item Name: Centreless Grinder		Item No. 130
Name Plate: NSWGR No. 1360 Class G BSA Tools Ltd, Birmingham England		· · · · · · · · · · · · · · · · · · ·
Associated Items: Individual Assemblage Collections Systems Operational Groups Description: The centreless grinder which is now missing for grinding shafts. Rather than set the shaft between two by moving a wheel against the turning shaft, centreless griseries of rollers and bringing it past a spinning stationery grispers.	centres on a lath and gri nding involves supporting	nding it smooth
History: The item was installed in 1941 and exhibits pre- originally located in bay 13 north and was transferred to down.		
Function and Operation: The centreless grinder was used for producing a wide range and size of shafts for various functions throughout the rail network. It functioned by supporting shafts on a series of roller supports which allowed the shaft to turn as it was brought in contact with the grinding wheel. Photo: FILM No. 95-169-4-30 Photographed	Location: Bay 3 North X AA 4 3 2 and inspected December	1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 15
Pnotographed	and inspected Decemb	er 1995

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION	ON 1996
Item Name: Centreless Grinder	Item No. 130
Condition:	
In general, the item appears to be in operable condition providing power source	es are connected and

I The ext	ernal surfa	The external surface of the item has patches of superficial rust and bare metal.							
Significance Matrix					State Historical Themes:				
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐ Industrial Relic			
Rare	×			×	Themes	☐ 13 Transport☐ 15 Utilities			
Repres- entative	E	a ·		K		☐ 16 Industry ☐ 18 Technology ☐ 20 Government Administration			
				· · · · · · · · · · · · · · · · · · ·	<u> </u>				

Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 60 years. The item is a large, rare, industrial piece exhibiting massive cast-iron construction and which had general engineering application. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item is impressive in size and form and exhibits a unity in its design and detail. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity.

Conservation Policy:

the item is cleaned, serviced and tested.

The item is to be removed to Bay 13 North and fastened to a bed close to the location of the one from which it was removed and conserved.

Policy Implementation:

All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax.

Conserve. Relocate to another bay (Bay 13 North).

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, surface treat as recommended in the implementation section.

Interpretation:

1996

Item Name: The Ward Lathe	Item No.	131
Name Plate: .H.W. Ward & Co. Ltd	<u> </u>	
Birmingham England		
Associated Items:		
Individual		
Assemblage		
Collections .	a.	
Systems		
Operational Groups		
Description: This lathe is in excess of 4 metres long, stands about 1.8 metres have metre wide. It is typical of the turret lathes manufactured between the Wars. It and hence pre-computer controls. The lathe was extremely versatile and exhibits integrated automatic outline lether.	exhibits pre	-War
integrated automatic cutting lathes.		
History: The history of the item is unknown but it was installed probably around north. It was removed from this location at the close of the workshops.	t d	ıy 11
Function and Operation: The lathe is used for a series Location: Bay 3 North	12	
of operations on a single item. The turret allows tools to	1 2	
be changed in quick succession as each operation is	3	
carried out.	5	
	6	
	å	
	9	
	11	
	12	
	14	
4A 4 3	15	
Photo: FILM No. 95-169-4-31 Photographed and inspected December	per 1995	

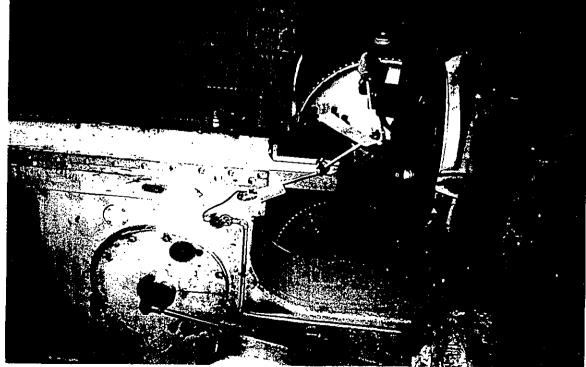


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	: Ward Lathe					Item No. 131
Condition:	<u> </u>	· 				·—-I
In general (the item annear	e to he in	operable cond	dition provi	idina nower source	s are connected and
•	cleaned, service		-	altion provi	and bonér acrice	are connected and
The externa	al surface of the	item has	patches of su	perficial ru	st and bare metal.	
Significanc				State His	storical Themes:	
Hist	orical Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare 2			×	Themes	☐ 13 Transport	
Paneas					15 Utilities	
Repres- entative			×		16 Industry	
citative E		_		}	☐ 18 Technology ☐ 20 Government	A al antinta de matina
	 			<u> </u>		comotive Workshops
•			•	_	and detail. The ite a high degree of sti	em and its operation ructural integrity.
is easy to in	terpret from its		•	_		
is easy to in Conservation The item is	terpret from its on Policy: to be removed	existing fa	abric. The iten	n exhibits	a high degree of sti	
is easy to in Conservation	terpret from its	existing fa	abric. The iten	n exhibits	a high degree of sti	ructural integrity.
s easy to in Conservation	terpret from its on Policy: to be removed	existing fa	abric. The iten	n exhibits	a high degree of sti	ructural integrity.
is easy to in Conservation The item is from which i	terpret from its on Policy: to be removed	existing fa	abric. The iten	n exhibits	a high degree of sti	ructural integrity.
Conservation The item is from which item Policy Impleadle external rust is to be	terpret from its on Policy: to be removed t was removed ementation: surfaces are to	to Bay 17 and conse	abric. The iten	n exhibits and exhibits astened to	a high degree of sti	ructural integrity.
Conservation The item is from which it Policy Imple All external rust is to be such as She	on Policy: to be removed t was removed ementation: surfaces are to removed or tre	to Bay 1° and conso	abric. The iten	ased using	a high degree of sti	ructural integrity. location of the one
Conservation Conservation The item is from which in the item is from which in the item is from which in the item is the item is to be such as She Conserve. From the item is t	terpret from its on Policy: to be removed t was removed ementation: surfaces are to removed or tre	to Bay 1° and conso	abric. The iten	ased using	a high degree of sti	ructural integrity. location of the one
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Conservation Conservation The item is from which is rom which is rome. Policy Implead the external rust is to be such as She Conserve. For Maintenance inspect all external rust is to be such as She conserve.	terpret from its on Policy: to be removed t was removed ementation: surfaces are to removed or trea Il ENSIS fluid of Relocate to anote	to Bay 17 and consi	abric. The iten 1 North and facerved. ned and degreexternal surfacetalline wax. Bay 11 North)	ased using	a high degree of str a bed close to the g appropriate meth be treated with an	location of the one
Conservation Conservation The item is from which is policy implementation in the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. For the such as Sheconserve. The such as Sheconserve. The such as Sheconserve.	terpret from its on Policy: to be removed t was removed ementation: surfaces are to removed or tre ill ENSIS fluid of Relocate to anot e Schedule	to Bay 17 and consi	abric. The iten 1 North and facerved. ned and degreexternal surfacetalline wax. Bay 11 North)	ased using	a high degree of str a bed close to the g appropriate meth be treated with an	location of the one
Conservation The item is from which is from which is from which is from the conservation of the conservati	terpret from its on Policy: to be removed t was removed ementation: surfaces are to removed or tre ill ENSIS fluid of Relocate to anot e Schedule	to Bay 17 and consi	abric. The iten 1 North and facerved. ned and degreexternal surfacetalline wax. Bay 11 North)	ased using	a high degree of str a bed close to the g appropriate meth be treated with an	location of the one
Conservation The item is from which is from which is from which is from the conservation of the conservati	terpret from its on Policy: to be removed t was removed ementation: surfaces are to removed or tre ill ENSIS fluid of Relocate to anot e Schedule	to Bay 17 and consi	abric. The iten 1 North and facerved. ned and degreexternal surfacetalline wax. Bay 11 North)	ased using	a high degree of str a bed close to the g appropriate meth be treated with an	location of the one

1996

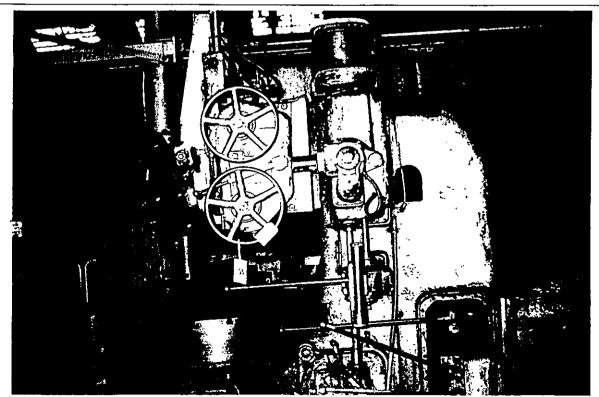
Item Name: The Vertical Shaper	Item No. 132
Name Plate: NSWGR No. 1396 Class SL Omerod Shape	
Associated Items:	ers Eta Tiebaert bridge England
Individual	
Assemblage	
Collections	
Systems	
Operational Groups	
Description: The vertical shaper consists of an open style	e rather than an arch or nortal head. The
item stands nearly 3 metres tall, is nearly 3 metres long	· · · · · · · · · · · · · · · · · · ·
moved longitudinally, transversally and is fitted with a rota	
transverse T slots. The vertical shaper has the advantage	
heavier items and items of much more complex shape can	·
History: The item was manufactured between the Wars	
the workshops in bay 10 south in 1940. The item was rem	
closed down.	****
Function and Operation:	Location: Bay 3 North 2 West
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•	
	3
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	8
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·	12
	14
	4A 4 3 2 1
Photo: FILM No. 95-169-4-32 Photographed	and inspected December 1995
	and inspected pecentier 1993
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The state of the s	- 5 Table 1



ltem Na	me: Vert	ical Shape	∍r				Item No. 132
Conditio	on:						<u> </u>
		m appears d, service			dition provi	ding power sources are	e connected and
The exte	ernal surfa	ace of the	item has	patches of su	perficial ru	st and bare metal.	
_	ance Mat		0 1	Tl1	State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×			×	Themes	13 Transport	
Repres-				•		☐ 15 Utilities ☐ 16 Industry	
entative	×			3 3		18 Technology	
	•		•		·	20 Government Admi	nistration
xhibiting vidence npressi	g massive es the ver ve in size	e cast-iron rsatility of and form	construction const	ction and which shops in the r ibits a unity in	years. The h had gen manufactur its design	of the Eveleigh Locomore item is a large, rare, eral engineering applice of tools and machinand detail. The item as high degree of structu	ation. The item es. The item is and its operation
exhibiting evidence mpressing easy to Conserv	g massive es the ver ve in size o interpre vation Po n is to be	e cast-iron rsatility of and form t from its of	the work and exh existing fa	etion and which shops in the raibits a unity in abric. The iten	years. The h had gen manufactur its design n exhibits a	e item is a large, rare, eral engineering applic re of tools and machin and detail. The item a	ation. The item es. The item is ind its operation ural integrity.
exhibiting evidence mpressing seasy to Conserve The item rom which control of the	g massive es the ver ve in size o interpre vation Po n is to be ch it was	e cast-iron resatility of and form its end its	the work and exh existing fa to Bay 10 and conso	ction and which shops in the ribits a unity in abric. The itense of South and factorial courses.	years. The had general had gen	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structual bed close to the local	ation. The item is item is item its operation ural integrity.
exhibiting evidence mpressing easy to conserve The item rom which externust is to	g massive es the ver ve in size o interpre vation Po n is to be ch it was mplemen nal surfact be remove	e cast-iron resatility of and form t from its e licy: removed a removed a tation: ees are to ved or trea	to Bay 10 and consi	etion and which ishops in the ribits a unity in abric. The item of South and factorial served.	years. The had general had general had general had general had general had been been been been been been been bee	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structu	ation. The item is ind its operation ural integrity. ation of the one
exhibiting evidence impressions easy to conserve the item from which are the conserve the item which extern ust is to such as second extern the item which	g massive es the ver ve in size o interpre vation Po n is to be ch it was mplemen hal surfact be remove	e cast-iron resatility of and form t from its e licy: removed a tation: ees are to ved or trea SIS fluid or	the work and exh existing fa to Bay 10 and conso be clean ated. All	etion and which ishops in the rail ishops in the rail ishops in the rail ishops. The item of South and factorial ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail ishops in the rail is a rail ishops in the rail is a rai	years. The had gen manufactur its design exhibits a stened to ased using ces are to	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structual bed close to the local appropriate methods	ation. The item is ind its operation ural integrity. ation of the one
exhibiting evidence impressions easy to conserve the item rom which extern ust is to such as a conserve to conserve the item to conserv	g massive es the ver ve in size o interpre vation Po n is to be ch it was mplemen hal surfact be remove	e cast-iron resatility of and form t from its e licy: removed a removed a tation: es are to ved or trea SIS fluid or ate to anot	the work and exh existing fa to Bay 10 and conso be clean ated. All	etion and which shops in the ribits a unity in abric. The item of South and factoried and degreesternal surfactalline wax.	years. The had gen manufactur its design exhibits a stened to ased using ces are to	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structual bed close to the local appropriate methods	ation. The item is ind its operation ural integrity. ation of the one
exhibiting evidence impressions easy to conserve from which as to conserve from externation as to conserve from externations t	g massive es the ver ve in size o interpre vation Po n is to be ch it was mplemen nal surface be remove Shell ENS e. Relocate ance Sch	e cast-iron reatility of and form its of and form its of and form its of and its of another interest and another interest another interest and another interest and another interest and another interest and another interest and another interest another	the work and exhibiting factors and constitution be clean ated. All polycrys her bay.	ction and which shops in the ribits a unity in abric. The item of South and factorial surface external surface stalline wax.	years. The had gen manufactur its design nexhibits a exhibits a extend to estend to estend to es are to	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structual bed close to the local appropriate methods	ation. The item is item is item its operation in its operation in its operation in its operation of the one its operation of the one its operation of the operation is sealant in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation i
exhibiting evidence impressing seasy to conserve the item from which as the conserve the conserv	g massive es the ver ve in size o interpre vation Po n is to be ch it was mplemen nal surface be remove Shell ENS e. Relocate ance Sch	e cast-iron reatility of and form its of and form its of and form its of and its of another interest and another interest another interest and another interest and another interest and another interest and another interest and another interest another	the work and exhibiting factors and constitution be clean ated. All polycrys her bay.	ction and which shops in the ribits a unity in abric. The item of South and factorial surface external surface stalline wax.	years. The had gen manufactur its design nexhibits a exhibits a extend to estend to estend to es are to	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structual a bed close to the local appropriate methods be treated with an app	ation. The item is item is item its operation in its operation in its operation in its operation of the one its operation of the one its operation of the operation is sealant in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation in its operation is its operation i
exhibiting evidence impressions easy to conserve from which item with the conserve from extern ust is to such as a conserve from the conse	g massive es the ver ve in size o interpre vation Po n is to be ch it was mplemen nal surface be remove Shell ENS e. Relocate ance Sch	e cast-iron reatility of and form its of and form its of and form its of and its of another interest and another interest another interest and another interest and another interest and another interest and another interest and another interest another	the work and exhibiting factors and constitution be clean ated. All polycrys her bay.	ction and which shops in the ribits a unity in abric. The item of South and factorial surface external surface stalline wax.	years. The had gen manufactur its design nexhibits a exhibits a extend to estend to estend to es are to	e item is a large, rare, eral engineering applice of tools and machinand detail. The item a high degree of structual a bed close to the local appropriate methods be treated with an app	ation. The item is item is item its operation in its operation in its operation in its operation of the one its operation of the one its operation of the operation is sealant in its operation is its operation in its operation is its operation i

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Item Name: The Single Vertical Borer	Item No. 133
Name Plate: NSWGR No. 913 Class BU Webster & Benn	ett Ltd Coventry England
Associated Items: Individual Assemblage Collections Systems Operational Groups Description: This boring machine is fitted with a turret he tools. The basic C-shape is typical of borers of this style and to move the stock past the cutting head.	
History: The item was installed in bay 9 north in 1940. It works	vas moved to bay 3 when the workshops
Function and Operation: Items to be bored are mounted on the rotating bed and are rotated as the boring takes place.	Location: Bay 3 North 2 West 1 2 3 4 5 6 6 7 8 9 9 10 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
Photo: FILM No. 95-169-4-33 Photographed	and inspected December 1995



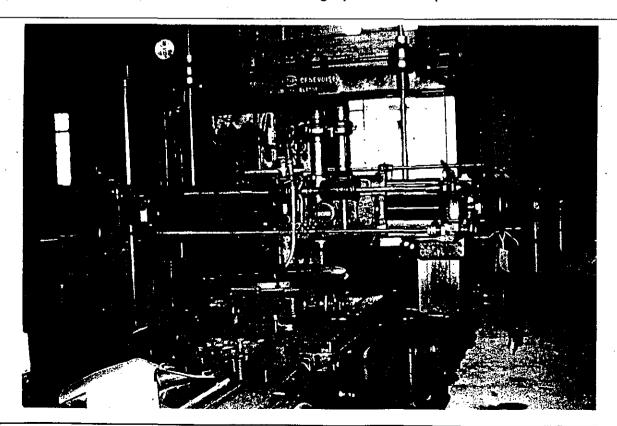
ltem Nar	Item No. 133						
Conditio	n:	. <u>.</u>			<u></u>		
In gener:	al the iter	n annears	s to be in	onerable cond	lition provi	idina nower sources	are connected and
	is cleaned				aldon provi	ang power sources	
The exte	rnal surfa	ce of the	item has	patches of su	perficial ru	st and bare metal.	
Significa	ince Mati	'ix				storical Themes:	
1	Historical ⁻	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare	X			X Sterillan	Themes	☐ 13 Transport	•
Danna						15 Utilities	
Repres- entative	X			X .		16 Industry	
Ciitative	ت					☐ 18 Technology	1 1 - Atan 4 - 49
• .						20 Government A	omotive Workshops
		•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		II CXIIIDI(S	a high degree of str	uctural integrity.
	ation Pol	icy:			· · · · · · · · · · · · · · · · · · ·	· .	location of the one
The item		icy: removed	to Bay 9	North and fa	· · · · · · · · · · · · · · · · · · ·	· .	
The item	is to be	icy: removed	to Bay 9	North and fa	· · · · · · · · · · · · · · · · · · ·	· .	
The item from whic	is to be	icy: removed emoved a	to Bay 9	North and fa	· · · · · · · · · · · · · · · · · · ·	· .	
The item from which Policy Impact of the Policy Imp	is to be ch it was r plement al surface be remov	icy: removed a emoved a ation: es are to ed or trea	to Bay 9 and conse be clean ated. All e	North and fa	stened to	a bed close to the	
The item from which Policy Im All externoust is to such as S	is to be on the state of the surface	icy: removed a ation: es are to ed or trea	to Bay 9 and conse be clean ated. All e	North and facerved. ed and degreexternal surface	stened to	a bed close to the	location of the one
The item from which Policy Im All extern rust is to such as S Conserve	is to be on the state of the surface	icy: removed a ation: es are to ed or trea IS fluid or	to Bay 9 and conse be clean ated. All e	North and facerved. ed and degreexternal surfacetalline wax.	stened to	a bed close to the	location of the one
The item from which Policy Im All externates to such as S Conserve Maintenates and the such as S	is to be on it was replement all surface be removed. Relocations of the control o	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one
The item from which Policy Im All externates to such as S Conserve Maintenates and the such as S	is to be on the street of the surface be removed. Relocate the surface	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one ods. All superficial appropriate sealant
The item from which Policy Im All externates to such as S Conserve Maintenates and the such as S	is to be on it was replement all surface be removed. Relocations of the control o	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one ods. All superficial appropriate sealant
The item from which Policy Im All externates to such as S Conserve Maintenates and the such as S	is to be on it was replement all surface be removed. Relocations of the control o	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one ods. All superficial appropriate sealant
The item from which which which which as Secondaries and the implemental constructions and the implemental constructions and the implemental constructions and the implemental constructions and the implemental constructions and the implemental constructions and the implemental constructions and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructions are also constructed and the implemental constructed and the implementation constructed and the implementation constructed and the implemental constructed and the implementation constructed and the impl	is to be is it was replement all surface be removed the individual individual in the individual in the individual individual in the individual	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one ods. All superficial appropriate sealant
The item from which Policy Im All externates to such as S Conserve Maintenates all	is to be is it was replement all surface be removed the individual individual in the individual in the individual individual in the individual	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one ods. All superficial appropriate sealant
The item from which which which a second with the implemental second with the implemen	is to be is it was replement all surface be removed the individual individual in the individual in the individual individual in the individual	icy: removed a ation: es are to ed or trea IS fluid or e to anoti	to Bay 9 and conse be clean ated. All e polycryst her bay. (North and facerved. ed and degreexternal surfacetalline wax. (Bay 9 North).	ased using	a bed close to the	location of the one ods. All superficial appropriate sealant

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	Y CONSERVATION	1996 _
Item Name: The Genevoise Drilling and Boring Machine		Item No. 134
Name Plate: NSWGR No. 1043 Class X Societe Genevoi	se. Geneve. Suisse	<u>-ne</u> -
Associated Items:		17
Individual		
Assemblage		
Collections		
Systems . • • • • • • • • • • • • • • • • • •		
Operational Groups		
tool frame head and a stock holder which can be turned horizontal plan. History: The item was brought to the workshops and instathe tool room (Bay 7).		
<u> </u>		0.104
Function and Operation: The Genevoise was used for a variety of precision operations. Because of the accuracy, the machine was capable of, it was operated only by selected tool makers.	Location: Bay 3 North	3 vvest

Photo:

FILM No. 95-169-4-34

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

	voise Dili	ling and	Boring Machi	ne		Item No. 134
Condition:						
In general, the item the item is cleaned,			•	dition provi	ding power sources are	e connected and
The external surface	e of the it	tem has	patches of su	perficial ru	st and bare metal.	
Significance Matrix	х			,	storical Themes:	***
'Historical A	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare 🗵			×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-	_	_			☐ 16 Industry	
entative 🗷	. 🗆		Ø]	☐ 18 Technology	
					20 Government Admi	inistration
ou actailar mitegrity.				_	ric. The item exhibits a	
Conservation Police	•	o Bay 7	North and fo			
Conservation Police The item is to be re	emoved to				a bed close to the loca	
Conservation Police The item is to be re	emoved to					
structural integrity. Conservation Police The item is to be refrom which it was refrom Policy Implementate	emoved to					
Conservation Police The item is to be responsible from which it was responsible from the policy implementation. All external surfaces	emoved to moved an tion: s are to be d or treat	nd conse	erved. ed and degre external surfac	stened to		ation of the one
Conservation Police The item is to be referent which it was referent was referent at the conservation of t	emoved to moved and tion: s are to be d or treat 6 fluid or p	nd conse be cleane ed. All e polycryst	erved. ed and degre external surfac alline wax.	stened to	a bed close to the loca	ation of the one
Conservation Police The item is to be reform which it was reform which it was reformed to the constant of the	emoved to moved an tion: s are to be d or treat 6 fluid or p	nd conse be cleane ed. All e polycryst	erved. ed and degre external surfac alline wax.	stened to	a bed close to the loca	ation of the one
Conservation Police The item is to be reference which it was referenced Policy Implementate All external surfaces rust is to be removed such as Shell ENSIS Conserve. Relocate	tion: s are to be dor treat of fluid or to anothe dule	nd conse be cleand ed. All e polycryst er bay (E	erved. ed and degre external surface alline wax. Bay 7 North).	stened to	a bed close to the loca	ation of the one All superficial ropriate sealant
Conservation Police The item is to be reference which it was referenced to the policy Implementate All external surfaces rust is to be removed such as Shell ENSIS Conserve. Relocate Maintenance Scheon	tion: s are to be dor treat of fluid or to anothe dule	nd conse be cleand ed. All e polycryst er bay (E	erved. ed and degre external surface alline wax. Bay 7 North).	stened to	a bed close to the local	ation of the one All superficial ropriate sealant
Conservation Police The item is to be reference which it was referenced to the policy Implementate All external surfaces rust is to be removed such as Shell ENSIS Conserve. Relocate Maintenance Scheon	tion: s are to be dor treat of fluid or to anothe dule	nd conse be cleand ed. All e polycryst er bay (E	erved. ed and degre external surface alline wax. Bay 7 North).	stened to	a bed close to the local	ation of the one All superficial ropriate sealant

1996

Item Name: T	he Genevoise Drilling and Boring Machine	Item No.	135
Name Plate: N	ISWGR No. 1284 Class X	<u> </u>	
Societe Geneve			
•			
Associated Ite	ms:		
Individual	$oldsymbol{artilde{\square}}$		
Assemblage			
Collections			
Systems		•	
Operational Gro			
	his item was regarded as the most impressive of the precision dri		
	e railway workshops. It consists of a portal which holds a very deli-		
	d and a stock holder which can be turned through any number of	positions ir	1 the
horizontal plan.			
History: The if	tem was brought to the workshops and installed in 1939 in a special	room locati	ad in
the tool room (b	· · · · · · · · · · · · · · · · · · ·	iooni iocati	eu III
ale toor room (b	oay oj.	,	• • • • • • • • • • • • • • • • • • • •
Function and (Operation: The Genevoise was used for a Location: Bay3 North	3 West	
	sion operations. Because of the accuracy.	1	
	as capable of, it was operated only by	2	
selected tool ma		4	
		5 6	
		7	
		9	
	·	10	
		11 12	
	·	13	
	·	15	
Di	4A 4 3 2	1	
Photo: F	ILM No. 95-169-4-35 Photographed and inspected Decemb	er 1995	İ
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		- 1 () - 1 ()	
		7	l l

Item Nar	ne: Allen	Striker			,		Item No. 13
Conditio	n:			,			
the item i		service		•	• •	ding power sources are e of the item has pate	
Significa	ınce Matri	<u> </u>			State His	storical Themes:	
		Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic
Rare	×	X		×	Themes	13 Transport	
Repres-	•					15 Utilities	
entative	×			×		16 industry	
				,		☐ 18 Technology ☐ 20 Government Adm	ninistration
Stateme	nt of Sign	ificance				-	1.4
The item degree of		peration integrity	is easy	•	_	rstanding of early engi sting fabric. The iten	
The item	is to retain	ed in its	•		•	ed as part of the Allen e Allen Striker should i	
Policy Im	plementa	tion:					
internal b to be clea treated. fluid or po inhibitor. should be	are metal aned and o All externa olycrystallin They may	surfaces degrease al surface ne wax. then be	are to bed using es are to All pipes reconne	e dried and grappropriate me treated we are to be discreted. All ope	reased to pertend to p	l, all bearings and glar prevent rust. All exter All superficial rust is to ropriate sealant such d, cleaned, dried and aces exhibiting a norn sealant such as Shell	nal surfaces a be removed as Shell ENS treated with ru nally bright finis
Maintena	nce Sche	dule			<u> </u>	·	
the imple	mentation	section.	Every 5	years internal	surfaces	e necessary, coat as r should be inspected fo	or rust. Any ru
oi Oxidali sealant.	ou broauc	t must b	e treated	l suitably by t	peing remo	oved and coated with	an inhibitor ar

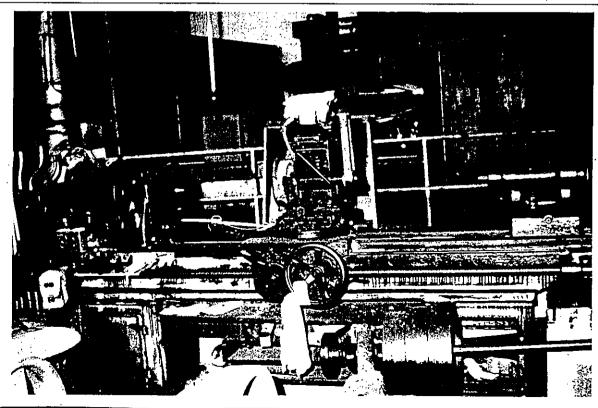
1996

Item Name: The Cylindrical Grinder	Item No. 140
Name Plate: NSWGR No. 292 Class LX	
Associated Items:	
Individual 🗹	
Assemblage \Box	
Collections	
Systems	nate.
Operational Groups	
Description: This small grinder is basically an adapted I long, 1 metre wide and stands about 1.5 metres high. It is the feed of the tool head passed the work is automatically for	regarded as an automotive lathe in that ed.
History: The history of the item is unknown, however it w prior to WW1. It has been modified subsequently at both the	
Function and Operation: Items to be ground were mounted between centres and the grinding wheel which is attached to the tool rest was passed over the rotating work. The item is probably one of the earliest grinders in the workshops complex when it closed.	Location: Bay 3 North 6 West

Photo: FILI

FILM No. 95-169-5-4

Photographed and inspected December 1995

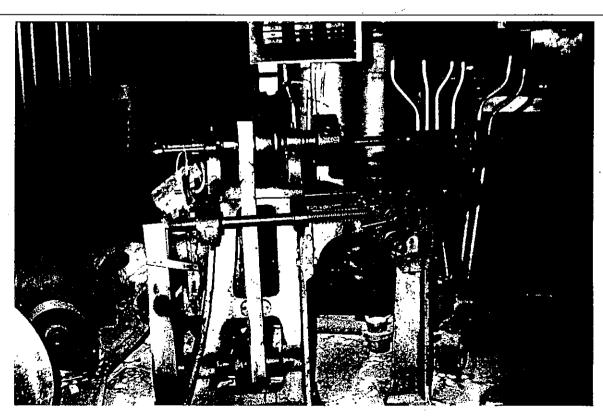


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1996___

item Na	me: Cyli	ndrical Gri	nder				Item No. 140
Conditio	on:			·	······································		<u> </u>
		m appears d, serviced			dition provi	ding power sources are	e connected and
The exte	rnal surfa	ace of the i	tem has	patches of su	perficial ru	st and bare metal.	
	ance Mat				State His	storical Themes:	•
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×			×	Themes	13 Transport	
Repres-						15 Utilities	
entative	×			×		16 Industry	
CITCALI VO			– ,			☐ 18 Technology	_
						20 Government Admi	nistration
is impres	sive in fo	rm and ex	hibits a u	ınity in its des	ign and de	eral engineering applic tail. The item and its o egree of structural integ	peration is easy
Conserv	ation Po	licy:					
The item	is to be		•		estened to	a bed close to the loca	ation of the one
Policy In	nplemen	fation:		_ .			
All extern	nal surfact be remov	ces are to ved or trea	ted. All			g appropriate methods be treated with an app	•
Conserve	e. Reloca	ate to anoth	ner bay.			.*	
Maintena	ance Sch	edule					
		Il surfaces n section.	for rust (every 12 mon	ths. Where	e necessary, coat as re	ecommended in
				•		•	
		<u></u>					
Interpret	ation:						.
				-			!
				-			ļ
							-

EVELEIGH LOCOMOT	TIVE WORKSHOPS MACHINERY CONSERVATION	1996
Item Name: Lathe		Item No. 141
Name Plate:		
Associated Items:		
Individual		
Assemblage \square		•
Collections ☑	Lathes 38, 107, 109, 131, 141, 167, 168, 200	
Systems 🗆		
Operational Groups	•	
	Il lathe is manufactured by the Department of Railways. It	
	. It was formerly operated by a belt from the lime shaft but r	
	hed to the driving shaft which is located at the bottom of the	
	ne is fitted with a swivelling tail stock that can be rotated out	of the road for
the introduction for remo	oval of stock. It also has an automatic tool rest feed.	
History: The history of	the item is unknown but it was manufactured prior to 1940.	<u> </u>
matory. The history of	the tent is unknown but it was manufactured prior to 70 to.	·-·.
Function and Operati	on: The small lathe was used Location: Bay 3 North	6-7 West
probably in the tool roo	om for the repetitive production of	
small items.		
		3 4
		⁶ ₇
		8
		g
		11
		13
	·	14
	4A 4 3 2	1
Photo: FILM No.	95-169-5-6 Photographed and inspected Decemb	er 1995

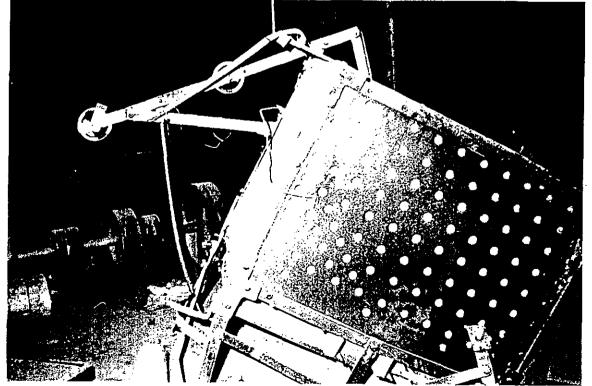


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Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 50 years. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item is impressive in form and exhibits a unity in its design and detail. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 10 North and fastened to a bed close to the location of the one from which it was removed and conserved. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. Relocate to another bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	ifetti 149	me: Lath	ne						Item No. 141
The external surface of the item has patches of superficial rust and bare metal. Significance Matrix	Conditi	on:							
State Historical Themes: Historical Aesthetic Social Technology/ Research Potential Rare	-				•		dition provi	iding power sources	are connected and
State Historical Themes: Historical Aesthetic Social Technology/ Research Potential Rare	The exte	ernal surfa	ace of t	he item h	as pa	atches of su	perficial ru	st and bare metal.	
Representative		ance Ma	rix				·		-47
Represantative		Historical	Aesthe	tic Social	-	Research	Category	☐ Moveable Item	Industrial Relic
Representative	Rare	×	. [Themes	☐ 13 Transport	
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 50 years. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item is impressive in form and exhibits a unity in its design and detail. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. **Conservation Policy:** The item is to be removed to Bay 10 North and fastened to a bed close to the location of the one from which it was removed and conserved. **Policy Implementation:** All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. **Conserve.** Relocate to another bay. **Maintenance Schedule** Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Donros								·
18 Technology	-	区				図			•
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 50 years. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item is impressive in form and exhibits a unity in its design and detail. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 10 North and fastened to a bed close to the location of the one from which it was removed and conserved. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. Relocate to another bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Jiiauro	٠	_			_			
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial ust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. Relocate to another bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.		CATIDICS	a nign	degree of	stru	ctural integr	ity.	•	
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial ust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. Relocate to another bay. Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Conserv	/ation Po	licy:	ed to Bay	10 1	North and fa		a bed close to the	location of the one
Maintenance Schedule nspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Conserv The item from whi	vation Po	licy: remove remove	ed to Bay	10 1	North and fa		a bed close to the	location of the one
nspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Conservation The item white Policy In All exterrust is to such as	vation Po n is to be ch it was nplemen nal surface be remo	licy: remove remove tation: ces are ved or	ed to Bay ed and co to be cle treated. A	10 linsen	North and faved. d and degreaternal surfa	astened to	g appropriate metho	ods. All superficial
he implementation section.	Conserv The item from white Policy In All exter rust is to such as Conserv	vation Po n is to be ch it was nplemen nal surface be remo Shell ENS	licy: remove remove tation: ces are ved or SIS fluid	ed to Bay ed and co to be cle treated. A	10 linsen	North and faved. d and degreaternal surfa	astened to	g appropriate metho	ods. All superficial
nterpretation:	Conserv The item from white Policy In All exter rust is to such as Conserv	vation Po n is to be ch it was nplemen nal surface be remo Shell ENS	licy: remove remove tation: ces are ved or SIS fluid	ed to Bay ed and co to be cle treated. A	10 linsen	North and faved. d and degreaternal surfa	astened to	g appropriate metho	ods. All superficial
nterpretation:	Conserving Policy In All externust is to such as Conserving Inspect a	n is to be ch it was mplemen nal surface be removed. Relocation and externatio	licy: remove remove tation: es are ved or siS fluid ate to a	to be cleared. A or polyconother ba	10 l nserv anec All ex rysta y.	North and faved. d and degreaternal surfa	eastened to	g appropriate metho be treated with an a	ods. All superficial appropriate sealant
nterpretation:	Conserved The item white Policy In All exterrust is to such as Conserved Mainten	n is to be ch it was mplemen nal surface be removed. Relocation and externatio	licy: remove remove tation: es are ved or siS fluid ate to a	to be cleared. A or polyconother ba	10 l nserv anec All ex rysta y.	North and faved. d and degreaternal surfa	eastened to	g appropriate metho be treated with an a	ods. All superficial appropriate sealant
nterpretation:	Conserving Policy In All externust is to such as Conserving Inspect a	n is to be ch it was mplemen nal surface be removed. Relocation and externatio	licy: remove remove tation: es are ved or siS fluid ate to a	to be cleared. A or polyconother ba	10 l nserv anec All ex rysta y.	North and faved. d and degreaternal surfa	eastened to	g appropriate metho be treated with an a	ods. All superficial appropriate sealant
	Conservent of the item who is the item who is the item as the is the item as t	n is to be ch it was mplemen nal surface be removed. Relocation and externatio	licy: remove remove tation: es are ved or siS fluid ate to a	to be cleared. A or polyconother ba	10 l nserv anec All ex rysta y.	North and faved. d and degreaternal surfa	eastened to	g appropriate metho be treated with an a	ods. All superficial appropriate sealant
	Conserving the item white of the implemental conserving the implementation conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental conserving the implemental	vation Po n is to be ch it was mplemen nal surface be remo Shell ENS e. Reloca ance Sch all externa	licy: remove remove tation: es are ved or siS fluid ate to a	to be cleared. A or polyconother ba	10 l nserv anec All ex rysta y.	North and faved. d and degreaternal surfa	eastened to	g appropriate metho be treated with an a	ods. All superficial appropriate sealant

1996

Item Name: Furnace	Item No. 142
Name Plate:	
Associated Items:	
Individual ☑	
Assemblage	
Collections	
Systems	•••
Operational Groups	<u> </u>
Description: This gas-fired furnace is about 1.2 metres long metre high.	, 1 metre wide and stood about 1
History: The history of the item is unknown.	
Function and Operation: Unknown. Loc	ation: Bay 3 North 6 West
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	13
}	
	4A 4 3 2 1
Photo: FILM No. 95-169-5-7 Photographed and	inspected December 1995
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1996---

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Social	Technology/ Research Potential	State His	storical Themes: ☐ Moveable Item ☐	
	Research Potential			
	Research Potential			· · · · · · · · · · · · · · · · · · ·
	Research Potential			
	Research Potential			
	•		A moveable item.	Industrial Relic
	-	Themes	☐ 13 Transport☐ 15 Utilities	•
		,	☐ 16 Industry	
	_			inistration
<u>_</u>				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
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_		assessment.	assessment.	☐ 18 Technology ☐ 20 Government Adm

1996

	Item No.	14
Name Plate:		
Associated Items:		•
Individual 🗹	,	
Assemblage		
Collections		
Systems \square		
Operational Groups □		
Description: This Hydraulic Ram was located in the fo	undry and was used to lower and ra	ise
platform which held a section of rail tracks. Raw mater foundry at this point.	ial and finished items arrived and lef	tt th
History:		
Function and Operation:	Location: Bay 3 North 6-7 West	
	1 2	,
	3	
	5 7	
	9	1
	12	
	14	
•	4A 4 3 2 1	,
Photo: FILM No. 95-169-5-8 Photographe	ed and inspected December 1995	
	the same of	
	A A	
	1143	
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	(in the Alexander)	

1996-

Item N	ame: Hyd	Iraulic Rar	n .	, · · - <u>·</u>		· · · ·	Item No. 143
Condit	ion:						<u></u>
Poor.				•			
Signific	cance Ma	triy			State His	storical Themes:	
Olgiiiii	Historical	Aesthetic	Social	. Technology/ Research	Category	☐ Moveable Item	☐ Industrial Relic
Rare	×			Potential ⊠	Themes	☐ 13 Transport	
Repres-						☐ 15 Utilities☐ 16 Industry	
entative			. 🗖		}	☐ 18 Technology	
0/ /				·	,	20 Government	Administration
Statem	ent of Sig	Initicance).				*
v						•	
Conser	vation Po	olicy:					
Remove	e to Bay 1	5 for furthe	er assess	ment.			
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			•				
Policy	Implemen	tation					<u>:</u>
			45				
Conserv	ve. Reloca	ate to bay	15.			44 51	
						· (A)	
Mainte	nance Sch	redule					
							. :
			i				··
Interpre	etation:						•
			•				
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1996

Item Name: The Hy	draulic Spring Press	Item No. 144
Name Plate:		
metre high and is ab	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	mm stands about a
History: The history	y of the item is unknown but it was manufactured prior to 193	39.
was used to test coil	4A 4 3	1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 2 1
Photo: FILM I	No. 95-169-5-9 Photographed and inspected Dece	ember 1995



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1996---

111

Item Na	me: Hyd	raulic Spri	ng Press				Item No. 144
Conditi	on:						
_				•	•	iding power sources are ernal components is ur	
Signific	ance Mat	trix			State His	storical Themes:	
o.g	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic
Rare	X	X		×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	X			×		☐ 16 Industry ☐ 18 Technology	
		•	•			20 Government Admi	nistration
being as system. worksho	ssociated The iten pps. The n is easy	with their on n represer item will y	operation nts forme ield inform	for over 40 ye r manufacturi nation on the	ears. The ng techno nature of	of the Eveleigh Locomo item is an integral part logies now rarely evide past work practices. I em exhibits a high deg	of the hydraulic ent in operating The item and its
Conserv	vation Po	licy:		<u>.</u>			
assembl	lage and serviced	hydraulic	system t	o which it be	elongs. T	served as part of the he item is to be presonentation and maintena	erved by being
					*		
Policy li	mplemen	tation:					
rust is to such as	be remo	ved or trea SIS fluid o	ated. All o	external surfac stalline wax.	ces are to All pipes a	g appropriate methods be treated with an app are to be disconnected, d. Conserve in situ.	ropriate sealant
Mainten	ance Sch	edule				•	
Inspect a	all externa ementation	al surfaces n section.	Every 5	years internal	surfaces	e necessary, coat as re should be inspected for oved and coated with a	r rust. Any rust
Interpre	tation:	·. · ·					
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1996

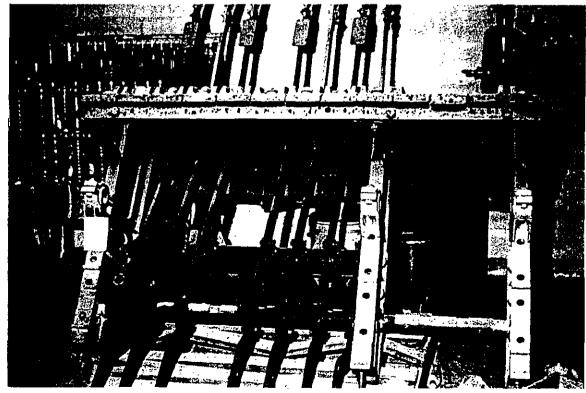
Name Plate: Associated Items: Individual Assemblage □ Collections □ Systems □ Operational Groups □ Description: This item is believed to be an early spindle router by Rodkin and Co. of Leicester and which was brought to the Workshop from the Randwick Tramway Workshops. History: Function and Operation: Location: Bay 3 North 7 East Location: Bay 3 North 7 East Photo: FILM No. 95-169-5-10 Photographed and inspected December 1995	Item Name: Spindle Router	ed Items: ge
Individual Assemblage Collections Systems Operational Groups Description: This item is believed to be an early spindle router by Rodkin and Co. of Leicester and which was brought to the Workshop from the Randwick Tramway Workshops. History: Function and Operation: Location: Bay 3 North 7 East Location: Bay 3 North 7 East	Name Plate:	
Function and Operation: Location: Bay 3 North 7 East 1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 15 15 15 15 15 16 16	Individual Assemblage Collections Systems Operational Groups Description: This item is believed to be an early spindle of	router by Rodkin and Co. of Leicester and ramway Workshops.
1 2 3 4 4 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	History:	
Photo: FILM No. 95-169-5-10 Photographed and inspected December 1995	Function and Operation:	1 2 3 4 5 5 6 6 7 7 8 9 9 10 11 12 12 13 14 15

1996--

Item Na	ıme: Spir	ndle R	outer	•				Item No. 145
Conditi	on:							
	ral, the ite i is cleane					dition provi	ding power source	s are connected and
Signific	ance Ma					State His	storical Themes:	
	Historical	Aesth	etic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare		٠ (Themes	☐ 13 Transport ☐ 15 Utilities	
Repres-		ſ	_				☐ 16 Industry	
entative			_		.		☐ 18 Technology ☐ 20 Government	Administration
Stateme	ent of Sig	nifica	ınce]		
				•				
					•			
Conser	vation Po	licy:						
Remove	to Bay 1	5 for f	urthei	r assessi	ng.			•
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Dallar I		4-41		· · · · · · · · · · · · · · · · · · ·				<u> </u>
	mplemen							
Conserv	e. Reloca	ate to	Bay 1	15.				
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/lainten	ance Sch	redule		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
		•						^ <u>,</u>
nterpre	tation:						•	
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1996

tem Name: Interl	ocking Gear			Item No.	14
lame Plate:			· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Associated Items	:	·			
ndividual	$ \overline{\mathbf{Z}} $				
\ssemblage					
Collections				•	
Systems					
perational Group	s 🗆		-		
		oved from this loca	ation and stored in Bay 14	ļ.	
	<u> </u>		·		
listory:					
unction and Ope	ration:		Location: Bay 3 North	i 7 East	
		•	<u> </u>		
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				3	
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				9	
		4		12	
	•			14	
			4A 4 3	2 1	
hoto: FILM	// No. 95-169-5-11	Photographe	d and inspected Decemi	ner 1995	



1996-

Item Na	ame: Inte	rlocking G	ear					Item No	. 146
Conditi	ion:	· · ·						,	
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01 16							· <u>·</u> ·		
Signific	cance Mat Historical	trix Aesthetic	Social	Technology/		٠.			
				Potential	1		ш	ndustrial	Relic
Rare					Themes			•	
			П			☐ 16 Industry			
entative	J	u	_	-				istration	
Statem	ent of Sig	nificance			•				
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	·								
Conser	vation Po	licy:							
Remove	e to Bay 1	5 for furthe	er assess	ing.					
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Policy I	mplemen	tation:							
Relocate	e to Bay 1	5.	·						
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	•						-		
Mainten	nance Sch	nedule					·	``.	
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Research Potential Rare									
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1996

Item Name:	Signalling Gear	Item No.	147
Name Plate:	· · · · · · · · · · · · · · · · · · ·	_l	
Associated			
Individual			
Assemblage			
Collections		-ar-	
Systems			
Operational (
	This item is to be removed to Bay 14.		
History:			
Function an	d Operation: Location: Bay 3 North	n 6-7 East	
		1 2 3 4 5 6 7 8 9 9 10 11	" - _{2.6} -
Photo:	FILM No. 95-169-5-12 Photographed and inspected December	12 13 14 15	
			,
	Rub 9 1 1 2 2 3 1 3 To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

1996---

Conditi							Item No. 147
	on:					· 	
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				<u>-</u>			
Signific	cance Mat Historical	trix Aesthetic	Social	Technology/		storical Themes:	<u></u>
				Research Potential	Category		Industrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	
Repres-						☐ 16 Industry	
entative	u		ч			☐ 18 Technology☐ 20 Government Ad	lministration
Statem	ent of Sig	nificance		··	<u></u>		
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			• 1				
Conser	vation Po	licy:	-	·			
Remove	to Bay 1	5 for furthe	er assessir	ng.		•	
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			:				
Policy I	mplemen	tation:	:				
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	mplemen e to Bay 1	•					
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Relocate	•	5.					
Relocate	e to Bay 1	5.	· :			3. 26	
Relocate	e to Bay 1	5.	· ·				
Relocate	e to Bay 1	5.					-
Relocate	e to Bay 1	5.					-
Relocate	e to Bay 1	5.					
Relocate	e to Bay 1	5.					
Relocate	e to Bay 1	5.					
Relocate	e to Bay 1	5.					

1996

Item Name: Furnace	Item No. 148
Name Plate: N/A	
Associated Items: Individual Assemblage Collections Systems Operational Groups Description: This small, gas-fired furnace is believed to have heated material crucibles.	s to melting point in
History: The history of the item is unknown, but it is believed to have come Workshops.	from the Carriage
Function and Operation: The operations of the item is unknown. Location: Bay 3 N	orth 6 East 2 3 4 5 6 7 8 9 10 11 12 13 14 15 2 1
Photo: FILM No. 95-169-5-13 Photographed and inspected Dec	ember 1995
ODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PI	H- (02) 319 4814

1996–

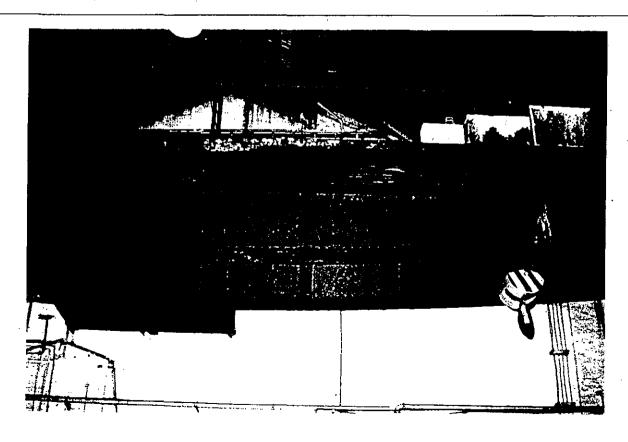
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Item Na	me: Furna	ce					Item No. 1	48
Conditio	on:							
,				· .		4		
			•					
Significa	ance Matri		· · ·		State His	storical Themes:		
		\esthetic	Social	Technology/ Research	}	☐ Moveable Item	☐ Industrial Relie	_
	_	_		Potential	Category		- industrial Rein	G
Rare					Themes	☐ 13 Transport ☐ 15 Utilities		
Repres-						16 Industry		
entative						☐ 18 Technology		
•						20 Government	Administration	
Stateme	nt of Signi	ficance				•	7	
		-					•	
				•		·		
Canaan	otion Deli					·		
	ation Police							
Remove	to Bay 15 f	or turtine	r assessi	ment.			•	
	•							
							•	
Policy In	nplementa	tion:			·			
				•				
Relocate	to Bay 15.							
		•				•		
Mainten	ance Sche	dule				•	_	
			•		•			
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			¢					٠.
Interpret	tation:							
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	Y CONSERVATION 1996
Item Name: The Electric Overhead Travelling Crane	Item No. 197
Name Plate:	
Associated Items:	
Individual	
Assemblage .	·
Collections	07
Systems	•
Operational Groups	•
Description: This crane, manufactured by Craven Brother	s in 1886, is one of the oldest cranes in
existence in New South Wales. It was originally powered	d by a continuous rope driven from the
south wall by a specially mounted steam engine.	
History: The crane had been in continuous use since its	installation probably in 1888. It is of a
riveted plate type tapered crane beam and has a platform	
from the crane platform. It has been modified at some sta	age, converted to electricity and a cabin
for the operator has been slung beneath the crane beams.	
Function and Operation: The crane is fitted with three	Location: Bay 3 North-1-2 West
electric motors, each one being controlled by its own	[] [] [] [] [] [] [] [] [] []
motor controller in the operators cabin. The crane can run	
on the crane rails, the length of the workshops, while the	
carriage provides transverse travel and hoisting	5
capabilities. The width of the workshops was determined	
not only by the roof stand but also by the width that the	8
crane beam could span.	
	11 12
·	13
	14
	4A 4 3 2 1

Photo: FILM No. 95-169-6-26

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996-

Item Na	me: Ele	ctric Overh	ead Trav	elling Crane	 		Item No. 197
connecte	ed and t		cleaned	serviced and	•	condition providing p The external surfac	
Signific	ance Ma Historical	trix Aesthetic	Social	Technology/ Research Potential	State His	storical Themes:	☐ Industrial Relic
Rare	×	×		rotential X	Themes	☐ 13 Transport	
Repres-	•					15 Utilities	
entative	×					16 Industry	
				•		☐ 18 Technology ☐ 20 Government Ad	ministration
Statoma	nt of Si	nnificanco	The ite	m was on inte	aral part o	of the Eveleigh Locor	
assembl The iter engineer	age. Th n has ing prac	e item is in research a	npressive Ind educ em will y	e in size and f cation potenti ield informatio	orm and e al for de	e item is an integra xhibits a unity in its veloping an unders ature of past work pr	design and detail.
be prese The item preserve	erved as n is to b d by be	part of the e reconnec	Davy as cted to i ed, servi	semblage and ts power sou	d overhead rce and m	ocation or reposition d crane collection to nade operational. T ccording to the imp	which it belongs. The item is to be
Policy Ir	nplemer	ntation:		* .			
All extern rust is to such as	nal surfa be remo Shell El	ces are to	ted. All or polycr	external surfa	ces are to	g appropriate method be treated with an ap ng parts of electric	ppropriate sealant
Mainten	ance Sc	hedule					
-		al surfaces on section.	for rust e	every 12 mont	hs. Where	e necessary, coat as	recommended in
Interpret	tation:						
							*.
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			•	•			.
				,			
				·			

1996

The Name Air Describes	Item No. 199A-B
Item Name: Air Receivers	item No. 199A-B
Name Plate: N/A	
•	
Associated Items:	
Individual	
Assemblage	
Collections	
Systems Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grantin 1 Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant Grant	**
Operational Groups These true sis received which has about 2.5 metres leng and	d about 1.0 materia wide
Description: These two air receivers which are about 2.5 metres long and were used in conjunction with the compressed air hammers located in the based in the b	
carriage workshop site at Eveleigh.	StackStritus Shop on the
carriage workshop site at Evereigh.	
History: The history of the items is unknown.	
	3 North 2 West
receivers for the operation of the compressed air	
hammers in the Blacksmith's Shop and Carriage	
Workshop.	
	6
	9 10
	14
. 4A 4	3 2 1
Photo: FILM No. Photographed and inspected	December 1995
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
The state of the s	
	Y 6 4
	4.7

tem Na	me: Air l	Receivers					Item No.199a,b
Conditi	on:						
			·			,	
							•
ignific	ance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare			ū		Themes	13 Transport	
Repres-						☐ 15 Utilities ☐ 16 Industry	
entative						☐ 18 Technology	
						☐ 20 Government	Administration
tateme	ent of Sig	nificance	,			-	
							*
						•	
onser	/ation Po	licy:		· · · · · · · · · · · · · · · · · · ·			
Remove	to Bay 1	5 for furthe	er assess	ment.		•	
	•						
				<u> </u>	·		···
olicy li	mplemen	tation:					
Relocate	to Bay 1	5.					
	٠						
4							
lainten	ance Sch	edule					
					•		
						•	, -
					•		•
				*		• •	
iterpre	tation:						

1996

Item Name: Platform	Trolley			Item No. 20
Name Plate:				
Assemblage Collections Systems	a timber decking	and a steel fra	ime and has four rub	ber tired wheels o
History: The history of	of the item is unkn	own.		
Function and Opera end to end by simple of the platforms either t trucks.	coupling devices a	and moved aroun	d	orth 4 West 2 3 4 5 6 7 8 9 10 11 12 13 14 15 2 1
Photo: FILM No	o. No Number	Photographe	ed and inspected Dec	ember 1995
The state of the s				

1996

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Item Na	ame: Plat	form Trolle	∍y		***		Item No. 201
Condit	ion:	· · · · · ·	***				
The iter	n is in god	od/exceller	nt operati	ng condition.			
						÷	·
Signific	cance Mat	friv			State His	storical Themes:	
Jigiiiii	Historical	Aesthetic	Social	Technology/ Research			☐ Industrial Relic
Rare			□	Potential	Themes	☐ 13 Transport	
Repres- entative		Ö	П	п		☐ 15 Utilities ☐ 16 Industry	
·		.	_			☐ 18 Technology☐ 20 Government A	dministration
Statem	ent of Sig	nificance		<u> </u>			Total
							•
		-					·
				•			
						•	-
Conser	vation Po	licy:					
		5 for furthe	r assess	ment.			
	•			•			
			-				
D			•			· .	
Policy i	mplemen	tation:					
Relocate	e to Bay 1	5.				•	
						•	
		,					
Mainter	ance Sch	edule		•			- 42.
						•	• • •
	•						
Interpre	tation					·	
mierpre	· tation.		•			•	
						•	
•							

1996

TALEFICIA EGOGNIQUAE AAQUINGIAQUA SINACI IIIAEN	CONSERVATION	1330
Item Name: Lime Shafting		Item No. 204A-D
Name Plate: N/A		
Associated Items:		
Individual		
Assemblage	•	
Collections		
Systems		
Operational Groups		***
Description: The two long lime shafts were removed fr	om the locksmiths shop	at the extreme
north-east of the locomotive workshops site. The other s		
lathes in Bay 10. The longer shafts have driving wheels	or pulleys which are ma	ade from timber
while the smaller shafts have steel wheels. The bearing b	locks on which the shafts	were mounted
are also located close by.		
History: The history of the items is unknown, however, the		
Function and Operation: N/A	Location: Bay 3 North	6.West
	•	-
	•	
	•	
Photo: FILM No. No Number Photographed	and inspected Decemb	er 1995
The second secon		



1996--

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Item Name: Line Shafting/ Line Shafting & Countershafts						Item No.204a-d	
Conditi	on:			<u></u>			
	•	m appears d, serviced		•	dition provi	ding power sources are	e connected and
The ext	ernal surfa	ace of the i	item has	patches of su	perficial ru	st and bare metal.	
Signific	ance Mat				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic
Rare	×			E	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	×			×		☐ 16 Industry ☐ 18 Technology	
			•			20 Government Admi	nistration
being as	ssociated pps in the	with their manufac	operatior ture of to	n for over 50 ools and mad	years. Th chines. T	of the Eveleigh Locomo ne item evidences the he item and its opera ree of structural integri	versatility of the ition is easy to
Conser	vation Po	licy:					
		removed t merly drive	-		stened to	a wall and be displaye	d in conjuention
	· 						
Policy I	mplemen	tation:					
rust is to	be remo	ved or trea	ted. All			g appropriate methods be treated with an app	
						·	
				· · · · · · · · · · · · · · · · · · ·			
wainten	ance Sch	ieauie					•
	all externa ementatio		for rust e	every 12 mont	ths. When	e necessary, coat as re	ecommended in
	•						
	4 - 4:						
Interpre	tation:						
	•				•		
					•		}
			•				

tem Name: The Tangye 48" Whe	el Lathe		Item No. 200
Name Plate: N/A			
Associated Items:			
ndividual 🔲			
\ssemblage □			
system			
	38, 107, 109, 131, 14	1, 167, 168, 200	
escription: This massive wheel	lathe is now in Bay 9	South where it was o	riginally erected. It is
twin wheel lathe and its setting			
echanism. The wheel lathe was			
ne.	J		. ,
istory: Unknown.	 		
unction and Operation: Not ava	ailable	Location: Bay 9	South
			•
			** *. , -
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noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
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noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
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noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995
noto: FILM No. 95-169-4-	-19 Photograph	ed and inspected De	ecember 1995

- 4	3H LOCK		- WORN	SHUPS MA	SHINEKI	CONSERVATION	199 6 -
Item Na	me: The	Tangye 4	8" Wheel	Lathe			Item No. 200
Condition	on:				•		
the item		d, service				ding power sources are e of the item has patch	
Cianifia	-nas Mai	u-isa			Ctoto Ui	storical Thomas	
i Signinc	ance Mat Historical	Aesthetic	Social	Technology/ Research Potential	Category	storical Themes:	Industrial Relic
Rare				⊠	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-						16 Industry	
entative	⊠			⊠		18 Technology	•
						20 Government Admi	nistration
Statement of Significance: The item was an integral part of the Eveleigh Locomotive-Workshop's being associated with their operation for over 40 years. The item is an integral part of the Wheel Shop Operational Group. The item has research and education potential for developing an understanding of early engineering practice. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity.							
Conserv	ation Po	licy:					
		retained to which			and be p	preserved as part of the	ne Wheel Shop
		•	-	being cleane nedules given l		d and maintained ac	cording to the
Policy In	nplemen	tation:					
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All operating surfaces exhibiting a normally bright finish should be suitably polished and coated with an appropriate sealant such as Shell ENSIS fluid or a polycrystalline wax. All moving parts of electric motors are to be covered to prevent ingress of dust.							
Mainten	ance Sch	edule	i <u>.</u> .				
•		ll surfaces n section.	for rust (every 12 mont	hs. Where	e necessary, coat as re	ecommended in
							"
Interpret	ation:						
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GODDEN MACKAY

CONTRACTOR OF THE PROPERTY OF

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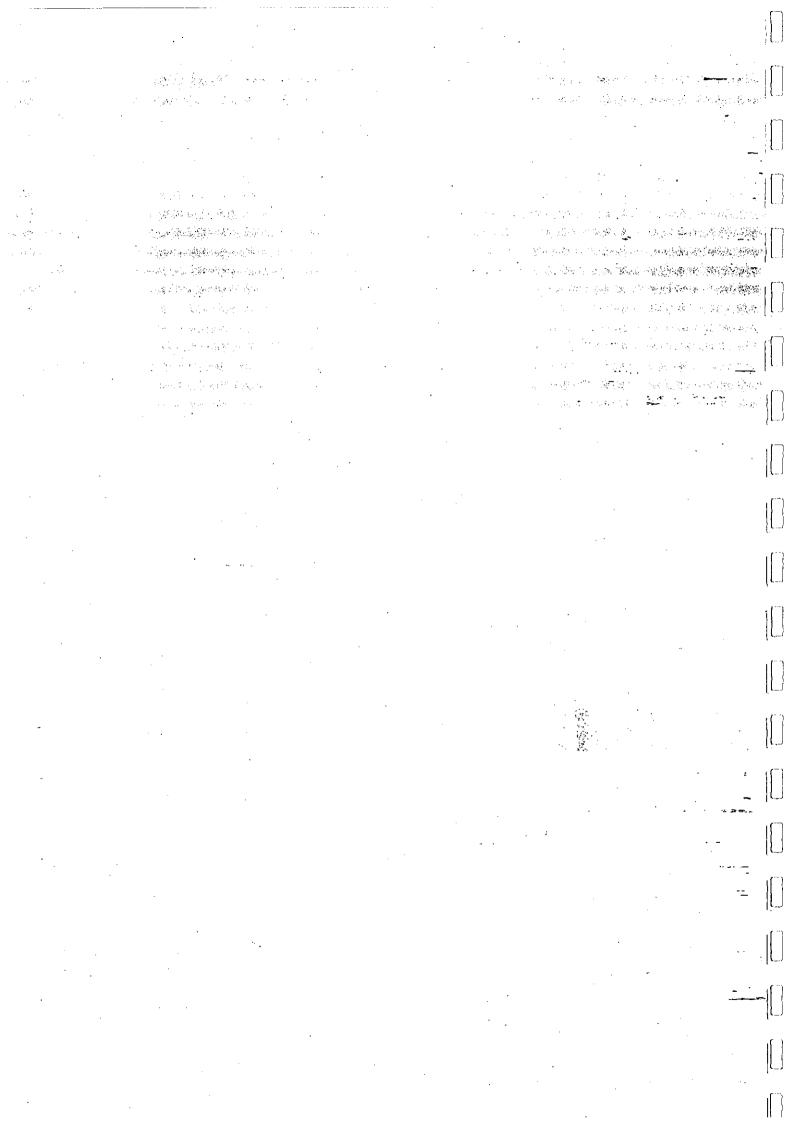
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BAY 3 SOUTH



1996

Item Name: Churchill Grinder	Item No. 104
Name Plate:	
Associated Items: Individual Assemblage System Collection Description: The Churchill Grinder is a large surface grind head. It is a precision machine which was used for producil large pieces of equipment.	ing, in the main, flat level surfaces for
History: The history of the item is unknown but it is believed during or after World War II.	that it was installed in the workshops.
Function and Operation: The item was operated by skilled fitter machinists and it was one of the more significant of the grinding machines which were located in Bays 8 and 9.	ocation: 1 2 3 4 4 5 9 9 10 11 12 13 14 15 15 4A 4 3 2 1
Photo: FILM No. Photographed ar	nd inspected December 1995

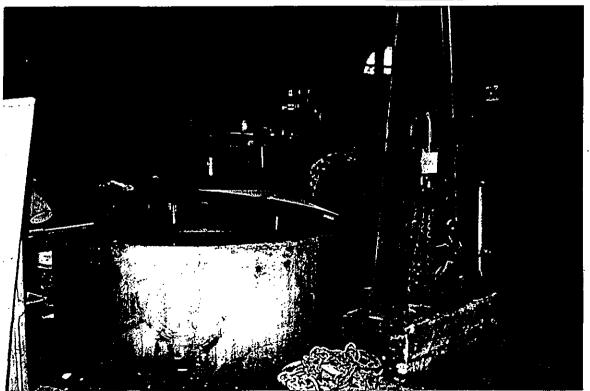


1996	
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Item Na	me: Chu	rchill Grind	ler				Item No. 104
Conditi	on:		<u> </u>				
The iten	n is in god	d/excellen	t operatir	ng condition.			
, '							
Signific	ance Ma				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	
Repres-	_	_	_			15 offittes 16 Industry	
entative	X			⊠		18 Technology	
						20 Government Adm	
being as	ssociated I for deve	with their loping an ι	operatio ınderstar	n for over 40 iding of early	years. Tengineerin	of the Eveleigh Locomon The item has research g practice. The item a a high degree of structo	and education and its operation
Conser	vation Po	licy:		,	<u> </u>		
				0 North or B removed and		h and fastened to a b	ped close to the
		-	-	being cleane edules given	•	d and maintained ad	ccording to the
Policy In	nplemen	tation:		<u> </u>			
rust is to such as finish sho or a poly	be remore Shell ENS ould be storystalling	ved or trea SIS fluid or uitably polis wax. All	ted. All of polycrys shed and moving p	external surfactalline wax. At coated with a	ces are to all operatin an appropr c motors a	g appropriate methods be treated with an app g surfaces exhibiting a iate sealant such as S re to be covered to pre	ropriate sealant normally bright hell ENSIS fluid
Mainten	ance Sch	edule					
Inspect a	all externa ementation	il surfaces n section.	for rust e	every 12 mont	hs. Where	e necessary, coat as re	ecommended in
Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be treated suitably by being removed and coated with an inhibitor and sealant.							
Interpret	tation:					· · · · · · · · · · · · · · · · · · ·	
					•	•	

1996

Name Plate: Associated Items: Individual Assemblage	Item Name: Euffer Grinder and Quenching Baths		Item No. 105
Individual Assemblage Collection System Operational Groups Description: This unusual machine comprises an electric motor, a stand on which a buffer and grinder are attached by a spindle and the spindle continues to a clenching bath where it activates a paddle via bevel gears and a vertical shaft to agitate the oil baths which is used for clench hardening of springs. History: The history of the item is unknown but it is obviously a departmental manufactured item and was probably installed around World War II. Function and Operation: The Buff and Grinder are used for trimming and polishing springs and other workhardened items. The clenching bath is used for hardening. Location: Bay 3 South 11 West Location: Bay 3 South 11 West A 4 3 2 1	Name Plate:		
Description: This unusual machine comprises an electric motor, a stand on which a buffer and grinder are attached by a spindle and the spindle continues to a clenching bath where it activates a paddle via bevel gears and a vertical shaft to agitate the oil baths which is used for clench hardening of springs. History: The history of the item is unknown but it is obviously a departmental manufactured item and was probably installed around World War II. Function and Operation: The Buff and Grinder are used for trimming and polishing springs and other workhardened items. The clenching bath is used for hardening. Location: Bay 3 South 11 West Location: Bay 3 South 11 West A 4 3 2 1	Individual		
grinder are attached by a spindle and the spindle continues to a clenching bath where it activates a paddle via bevel gears and a vertical shaft to agitate the oil baths which is used for clench hardening of springs. History: The history of the item is unknown but it is obviously a departmental manufactured item and was probably installed around World War II. Function and Operation: The Buff and Grinder are used for trimming and polishing springs and other workhardened items. The clenching bath is used for hardening. Location: Bay 3 South 11 West Location: Bay 3 South 11 West AA 4 3 2 1			
Function and Operation: The Buff and Grinder are used for trimming and polishing springs and other work-hardened items. The clenching bath is used for hardening. Location: Bay 3 South 11 West Location: Bay 3 South 11 West Location: Bay 3 South 11 West 1	grinder are attached by a spindle and the spindle continues paddle via bevel gears and a vertical shaft to agitate thardening of springs. History: The history of the item is unknown but it is obviously.	to a clenching bath whe he oil baths which is u	re it activates a sed for clench
for trimming and polishing springs and other work-hardened items. The clenching bath is used for hardening.	and was probably installed around World War II.	-	e garage
Photo: FILM No. Photographed and inspected December 1995	for trimming and polishing springs and other work- hardened items. The clenching bath is used for hardening.	4A 4 3	1 2 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15 2 1
	Photo: FILM No. Photographed	and inspected Decemb	er 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 ---Item No. 105 Item Name: Buffer and Grinder and Quenching Bath Condition: The item is in good/excellent operating condition. State Historical Themes: Significance Matrix Historical Aesthetic Technology/ Social ☐ Moveable Item ☐ Industrial Relic Research Category Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ☐ 18 Technology 20 Government Administration Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 10 years. The item and its operation is easy to interpret from its existing fabric. **Conservation Policy:** The item is to remain operational. Move to Bay 1 South or Bay 2 South. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Maintenance Schedule

Items which are stored externally must be inspected for rust or oxidation every 12 months. Any rust or oxidation product is to be treated according to the implementation section..

Interpretation:

1996

Item Name: Furn	nace							lte	m No.	106
Name Plate: N/A	\							1.		
Associated Item	s:									
Individual		·								
Assemblage										
Collection	☑	The item is resting on	the earth flo	oor.					•	
System								•-	••	
Operational Grou	ps 🗀	•								
History: Its histo	ry is unk	nown.								
Function and Op	eration:	N/A		Locat	ion:	Bay	3 Sou	th10	East	•
						4	3	2	1	1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15
Photo: FIL	M No.	Phot	ographed a	and in	enact	ed D	ecem	her 1	995	

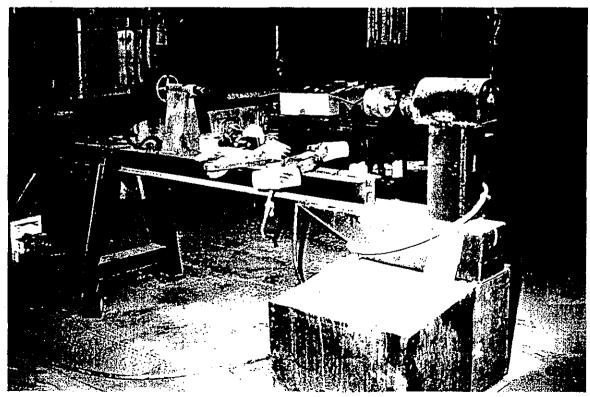


1996

	Item No. 106
Condition:	
In general, the item appears to be in operable condition providing power sources at the item is cleaned, serviced and tested.	are connected and
The external surface of the item has patches of superficial rust and bare metal.	un.
Significance Matrix State Historical Themes:	
Historical Aesthetic Social Technology/ Research Category Moveable Item Potential	☐ Industrial Relic
Rare	
Representative 🗵 🗆 🗵 🗵 🗵 🗵 16 Industry 18 Technology 20 Government Ad	ministration
Statement of Significance: The item was an integral part of the Eveleigh Locor being associated with their operation for over 40 years. The item is an integral hammer assemblage. The item and its operation is easy to interpret from its exitem exhibits a high degree of structural integrity.	part of the steam
Conservation Policy:	<u> </u>
The item should be preserved and relocated in Bay 2 South.	
Policy Implementation:	
Policy Implementation: The furnace is to remain operational and therefore cannot have its surface treated.	
The furnace is to remain operational and therefore cannot have its surface treated	
The furnace is to remain operational and therefore cannot have its surface treated. *** Maintenance Schedule	
The furnace is to remain operational and therefore cannot have its surface treated.	
The furnace is to remain operational and therefore cannot have its surface treated. *** Maintenance Schedule	
The furnace is to remain operational and therefore cannot have its surface treated. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement rep	
The furnace is to remain operational and therefore cannot have its surface treated. *** Maintenance Schedule	
The furnace is to remain operational and therefore cannot have its surface treated. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement rep	

1996 ___

Item Name: Lathe	Item No. 107
Name Plate: N/A	
Associated Items:	
Individual	
Assemblage	•
Collection \(\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	
System	***
Operational Groups	
Description: This small lathe is composed of an A-framed stand at one end,	a rectangular stand at
the other and the bed is of two C-Section elements welded together with a	
head stock is a hollow section with the driving motor located below. The lathe	e simply operates at a
single speed, was made by the department.	
	•
History: The history of the item is unknown.	••••••••••••••••••••••••••••••••••••••
	South 10 West
	South 10 West
Function and Operation: The item appears to have Location: Bay 3	1 2
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no	1
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 7
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 7 8
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 6 7 8 8 9 10
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 6 7 8 8 9 10 11
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 7 8 8 9 10 11 12 13 13
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 7 8 9 10 11 12
Function and Operation: The item appears to have Location: Bay 3 been used only for cleaning up and polishing. There is no indication that any machining of consequence took place	1 2 3 4 5 6 7 8 8 9 10 11 12 13 14
Function and Operation: The item appears to have been used only for cleaning up and polishing. There is no indication that any machining of consequence took place on it.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 3 2 1



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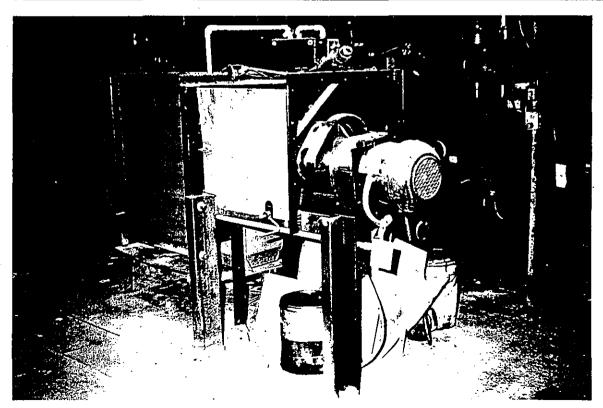
EVELEIGH LOCOMOTIVE WORKSHOPS MAGHINERY CONSERVATION 1996 Item No. 107 Item Name: Lathe Condition: The item is in good/excellent operating condition. **State Historical Themes:** Significance Matrix Historical Aesthetic Social Technology/ ☐ Moveable Item Research Category ☐ Industrial Relic Potential ☐ 13 Transport **Themes** Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ■ 18 Technology ☐ 20 Government Administration Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 10 years. The item and its operation is easy to interpret from its existing fabric. **Conservation Policy:** The item is to remain operational. Move to Bay 2 South. Policy Implementation: Service as required. Maintenance Schedule Inspect every 200 hours operation.

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Interpretation:

1996....

Item Name: A Smith	and Coventry Grinder			Item No. 108
Name Plate: N/A		<u></u>	<u> </u>	
Associated Items:				
Individual ·	\square		•	
Assemblage				
Collection				
System				
Operational Groups			•	
been attached.	of the item is unknown.	iths of rail tra	ack to which the grinder	base plate has
riistory. The matery	of the item is unithown.			
Function and Operat	tion: N/A		Location: Bay 3 South	11 West
			4A 4 3 2	1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 1
Photo: FILM N	lo. Pi	notographed	and inspected Decemb	er 1995

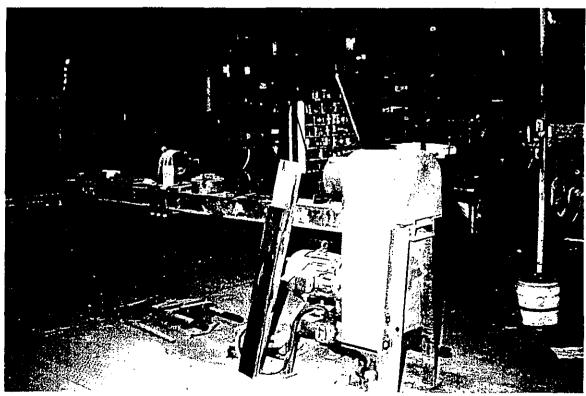


1996---

Item Nai	me: Smi	th & Cove	ntry Grin	der			Item No. 108
Conditio	on:						· · · · · · · · · · · · · · · · · · ·
The item	is in god	od/exceller	nt operati	ng condition.			
Cianific	nno Ma	teiv	•		State His	storical Themes:	
Significa	ance ivia Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare					Themes	☐ 13 Transport	
Repres-						15 Utilities	
entative	S					16 Industry	
			•			☐ 18 Technology ☐ 20 Government A	dministration.
				·_		20 Government A	dministration
operation	i ioi ovei	TO years.	THE REI	ir and its oper	ation is ea	sy to interpret from i	to existing labilic.
Conserv	ation Po	licy:					<u>·</u>
The item	is to rem	nain operat	tional.				
Move to	Bay 1 Sc	uth òr Bay	2 South				
		-	•	being cleane nedules given		d and maintained	according to the
Policy In	nplemen	tation:		 	···		
rust is to	be remo	ved or trea	ated. All			g appropriate metho be treated with an a	
Maintena	ance Sch	nedule					
Items whi	ich are si on produ	tored exter	nally mu treated a	st be inspecte scording to th	d for rust o e impleme	or oxidation every 12 ntation section	months. Any rust
		•					!
						•	· ·
Interpret	ation:	<u></u>		<u>. </u>			
-							
				•			
-	•						
						•	_
							•

1996 ____

Individual Assemblage Collection Substantial Lathes 38, 107, 109, 131, 141, 167, 168, 200 System Operational Groups Description: This small lathe is obviously departmentally made and consists of two small A-frames made from angle section steel and a bed made from back-to-back steel C-Sections. The moto drives a set of pulleys below the level of the bed and the head stock turns at a constant speed. The lathe was probably used for colling springs. History: The history of the item is unknown. Function and Operation: N/A Location: Bay 3 South 11 West Collection	Item Name: Small Lathe			Item No.	109
Individual Assemblage Collection Substantial Lathes 38, 107, 109, 131, 141, 167, 168, 200 System Operational Groups Description: This small lathe is obviously departmentally made and consists of two small A-frames made from angle section steel and a bed made from back-to-back steel C-Sections. The moto drives a set of pulleys below the level of the bed and the head stock turns at a constant speed. The lathe was probably used for colling springs. History: The history of the item is unknown. Function and Operation: N/A Location: Bay 3 South 11 West Collection	Name Plate: N/A				·
Assemblage Collection Lathes 38, 107, 109, 131, 141, 167, 168, 200 System Operational Groups Description: This small lathe is obviously departmentally made and consists of two small A-frames made from angle section steel and a bed made from back-to-back steel C-Sections. The moto drives a set of pulleys below the level of the bed and the head stock turns at a constant speed. The lathe was probably used for coiling springs. History: The history of the item is unknown. Function and Operation: N/A Location: Bay 3 South 11 West Comparison: N/A Comparison: N/	Associated Items:		<u> </u>		
Collection	Individual				
Collection	Assemblage				
Operational Groups Description: This small lathe is obviously departmentally made and consists of two small A-frames made from angle section steel and a bed made from back-to-back steel C-Sections. The moto drives a set of pulleys below the level of the bed and the head stock turns at a constant speed. The lathe was probably used for coiling springs. History: The history of the item is unknown. Function and Operation: N/A Location: Bay 3 South 11 West Comparison: The probability of the item is unknown. 1		, 109, 131, 141,	167, 168, 200		
Operational Groups Description: This small lathe is obviously departmentally made and consists of two small A-frames made from angle section steel and a bed made from back-to-back steel C-Sections. The moto drives a set of pulleys below the level of the bed and the head stock turns at a constant speed. The lathe was probably used for coiling springs. History: The history of the item is unknown. Function and Operation: N/A Location: Bay 3 South 11 West Comparison: The probability of the item is unknown. 1	System			••*	
Description: This small lathe is obviously departmentally made and consists of two small A-frames made from angle section steel and a bed made from back-to-back steel C-Sections. The moto drives a set of pulleys below the level of the bed and the head stock turns at a constant speed. The lathe was probably used for coiling springs. History: The history of the item is unknown. Function and Operation: N/A Location: Bay 3 South 11 West Comparison: 12 12 13 14 15 15 16 16 16 16 16 16	•				
Function and Operation: N/A Location: Bay 3 South 11 West	made from angle section steel and a bed drives a set of pulleys below the level of th	made from bace bed and the he	ck-to-back steel C-Sect	ions. The r	notor
2 3 4 5 6 7 8 9 10 11 12 13 14 15	History: The history of the item is unknow	n.			
3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 15 4A 4 3 2 1	Function and Operation: N/A		Location: Bay 3 Sou	th 11 West	
Photo: FILM No. Photographed and inspected December 1995			4A 4 3	3 4 5 6 7 8 9 10 11 12 12 13 14	
	Photo: FILM No.	Photographed	and inspected Decem	ber 1995	
				····	



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1996

Item Na	me: Lath	ne	,		<u>. </u>	<u> </u>	Item No. 109
Conditio	on:						·
The item	ı is in god	od/exceller	ıt operatir	ng condition.			
	ance Ma				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare		. 🗖			Themes	☐ 13 Transport☐ 15 Utilities	·
Repres-			•			☐ 16 Industry	
entative	2		. 🗖			☐ 18 Technology	
		•				20 Government A	dministration _
Stateme	ent of Sig	nificance			<u> </u>		in the second second
The item operation	n was an n for ove	integral p r 10 years.	art of the The iten	e Eveleigh Lo n and its oper	comotive V ation is eas	Norkshops being as	ssociated with their ts existing fabric.
						•	
Conserv	ation Po	olicv:		·			
		nain operat	tional.				
Move to		•					
101046 [0	Day 2 Oc	Juli.					
						•	ĺ
Policy Ir	nnlemen	tation:		· · · · · · · · · · · · · · · · · · ·	·	<u> </u>	
i oncy ii	пристист	itation.					
Service a	as require	∍d.			•		
							1
Mainten	ance Scl	nedule			·		
lnonest =		\ ha a				•	· 4 A
mspect e	every 200) hours ope	eration.				,
				•		•	
							.•
Interpret	tation:						
							·
							-
		<u> </u>					

1996

Item Name: Furnace		Item No.	110
Name Plate: N/A			
Associated Items: Individual Assemblage Collection The item is resting on the earth System Operational Groups Description: This small, cylindrical furnace was used for furnace itself is about 800mm in diameter and stands about	heating items prior to he		
material and has a sheet steel skin. The furnace is loc 250mm high and is about 1m square.	ated on a platform which	ch stands a	abou
History: The history of the item is unknown.	_	···.	
Function and Operation: N/A	Location: Bay 3 South	10 East	
	4A 4 3 2		
Photo: FILM No. Photographed	and inspected Decemb	per 1995	

1996.....

iteili ivai	me: Furn	ace					Item No. 110
Conditio	on:				<u></u>		<u> </u>
	al, the iter is cleane				dition provi	ding power sources are	e connected an
The exte	ernal surfa	ice of the	item has	patches of su	perficial ru	st and bare metal.	···
	ance Mat Historical	rix Aesthetic	Social	Technology/ Research	State His	storical Themes:	Industrial Relic
Dove				Potential	Themes	☐ 13 Transport	
Rare	ч.		ш	<u> </u>	771011103	15 Utilities	
Repres-	ræi			157		☐ 16 Industry	
entative	X	u	·	×		☐ 18 Technology _	****
					ŀ	20 Government Admi	nistration
being as	sociated	with their	operation	on for over 40	years. 7	of the Eveleigh Locomo	ation is easy t
Conserv	ation Po	licy:					<u> </u>
	•	•					
Relocate	to Bay 2	Soull1.					
	•						
		•					
		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u>·</u>
Policy in	nplement	ation:					
The furna	ace is to r	emain ope	erational	and therefore	cannot hav	e its surface treated.	
The furna	ace is to r	emain op	erational	and therefore	cannot hav	ve its surface treated.	
The furna	ace is to r	emain op	erational	and therefore	cannot hav	e its surface treated.	
The furna	ace is to r	emain ope	erational	and therefore	cannot hav	e its surface treated.	
,		•	erational	and therefore	cannot hav	/e its surface treated.	
	ace is to r	•	erational	and therefore	cannot hav	/e its surface treated.	
Maintena	ance Sch	edule				e its surface treated.	r as necessary
Maintena	ance Sch	edule				3	r as necessary
Maintena	ance Sch	edule				3	r as necessary
Maintena	ance Sch	edule				3	r as necessary
Maintena Inspect fo	ance Sch	edule				3	r as necessary
Maintena Inspect fo	ance Sch	edule				3	r as necessary
Maintena Inspect fo	ance Sch	edule				3	r as necessary
Maintena	ance Sch	edule				3	r as necessary
Maintena Inspect fo	ance Sch	edule				3	r as necessary
Maintena Inspect fo	ance Sch	edule				3	r as necessary

1996

	e for	Springs		Item No. 111
Name Plate:				
Associated Items:			· .	
Individual			·	
Assemblage	×	Spring King 111-114	•	•
Collection	×	Furnaces 47, 48, 53, 56, 59, 159, 161, 198	79, 86, 95, 97, 99, 100	6, 110, 111, 129
System				•
Operational Groups				
double counter-weigh		iii door.		
History: The item w	as ins	stalled in 1962 and was departme	ntal made.	,
		•		
Function and Opera	ation:	stalled in 1962 and was departme. The item was used for heating ming in the adjacent spring king	Location:	1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 2 1

EVELEIGH LOCOMOTIVE	WORKSHOPS MACHINERY CONSERVATION

1996.

Item Name: Fu	rnace for Sp	oring				Item No. 111
Condition:	<u></u>					.1
In general, the it the item is clear	• •		•	dition provi	ding power sources a	re connected and
The external sur	face of the i	tem has	patches of su	perficial ru	st and bare metal.	
Significance M		Castal	Tabadaad	State His	storical Themes:	·
Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare 🚨				Themes	☐ 13 Transport☐ 15 Utilities	j
Repres-		•			15 Utilities 16 Industry	
entative 🗵			X	·	☐ 18 Technology	_
		·	·		20 Government Adn	
	-			-	of the Eveleigh Locom e item is an integral i	
king assemblage		•		•		Dait of the spring
Conservation P	olicy:			 -		
The item is to	oe retained	in its p	resent location	n and be	preserved as part of	the spring king
		-			furnace is to remain	
•						
			÷			
Policy Impleme	ntation					
					•	
The furnace is to	remain ope	rational	and cannot ha	ve its surfa	ace treated.	
Conserve in situ.						
4					•	
Maintenance Sc	hedule	<u></u>		- 		
Inspect for physic	cal damage	and dete	erioration ever	y 12 month	s and implement repa	air as necessary.
		•	·		. ,	, , ,
						"
	•		3 3			
Interpretation:				<u></u>	·	
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						ļ.
				•		

1996 ___

Item Name: T	he Springking	Eye Rolling N	/lachine	•	Item No. 112
Name Plate:	 .		 		
Associated Ite	ems:				
Individual					
Assemblage	⊠ S	pring King 11	1-114		
Collection	Q				
System	⊠ H	ydraulic Press	s 52, 53, 680	C	
Operational Gr	oups 📮				[*] -
Description:	This machine	consists of th	ree parts, th	ne Vicars Vane pump, the	controller and the
eye rolling mad	hine itself. Th	ne eye-rolling	machine sta	nds about 1.2metres high	and is roughly one
metre square.	It has three v	ertical and on	ie horizontal	activated rams. The made	chine forms an I on
the end of the	primary leaf o	f the laminate	spring and	this I attaches to the sec	ond leaf and to the
		g is mounted	I. The mac	chine is operated by a fo	oot pedal once the
controller is set	•				
F F *					···.
History: The h	listory of the it	em is unknow	'n.		<u> </u>
Function and	Operation: N	/A		Location:	•
	•				1
					\rac{2}{3}
			•		4
					8 9
			,		10
					11 12
r					13
	•	•			14 15
				4A 4 3	2 1
Photo: F	ILM No.		Photograp	hed and inspected Dece	mber 1995

Item Na	me: Spri	ngking Ey	e Rolling	Machine			Item No. 112
Conditio	on:	· · · · · · · · · · · · · · · · · · ·					<u> </u>
							,
		·					·
~	ance Mat Historical	rix Aesthetic	Social	Technology/	State His	storical Themes:	
	Majorioai	Acomono	Ooolai	Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare					Themes	☐ 13 Transport	
Repres-]	15 Utilities	
entative	×			Ճ		☐ 16 Industry ☐ 18 Technology	,
•						20 Government Ad	ministration
Conserv	al part of	the Spring	g Shop op	perational grou	ıp.	gree of structural inte	
Conserv The item assemble	ration Port of ration Port is to read and S	the Spring licy: etained ir Spring Sho	g Shop on its presop operation	sent location	and be p which it be	reserved as part of	the spring kin
Conserv The item assemble The item mplemen	ration Port of ration Port is to read and S	the Spring licy: etained in Spring Sho be presen d mainter	g Shop on its presop operation	sent location onal group to being cleane	and be p which it be	reserved as part of	the spring kin
Conserv The item assemble The item mplemen Policy In All exterr ust is to	ration Por n is to reage and Son is to lend and and and and and and and and and a	licy: etained ir Spring Sho per preser ad mainter tation: es are to yed or trea	g Shop or its presop operation ved by nance school be clean	sent location fonal group to being cleane ledules given	and be p which it be d, service below.	reserved as part of	the spring kind according to the spring to t
Conservence The item assemble The item mplement Colicy In All extern ust is to such as S	ration Poration Poration Poration Poration and surface be removed.	licy: etained ir Spring Sho pe preser ad mainter tation: es are to yed or trea	tits presopportion of the clean ated. All of polycrys:	sent location onal group to being cleane sedules given ed and degreexternal surfactalline wax.	and be p which it be d, service below. ased using ces are to	reserved as part of elongs. d and maintained	the spring kind according to the spring to t
Conserv The item assemble The item mplemen All exterr ust is to such as \$ All movin	ration Por ration Por n is to re age and Some is to le ntation and nplement nal surface be remove Shell ENS	licy: etained ir Spring Sho pe preser ad mainter tation: es are to yed or trea	tits presopportion of the clean ated. All of polycrys:	sent location onal group to being cleane sedules given ed and degreexternal surfactalline wax.	and be p which it be d, service below. ased using ces are to	reserved as part of elongs. d and maintained g appropriate method be treated with an ap	the spring kind according to the spring to t
Conservence Conser	ration Por ration Por n is to re age and Some is to le ntation and nplement nal surface be remove Shell ENS	licy: etained in Spring Shoot preserted mainter tation: es are to yed or treation of the second or treation or tre	tits presopportion of the clean ated. All of polycrys:	sent location onal group to being cleane sedules given ed and degreexternal surfactalline wax.	and be p which it be d, service below. ased using ces are to	reserved as part of elongs. d and maintained g appropriate method be treated with an ap	the spring kind according to the spring to t

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Interpretation:

1996

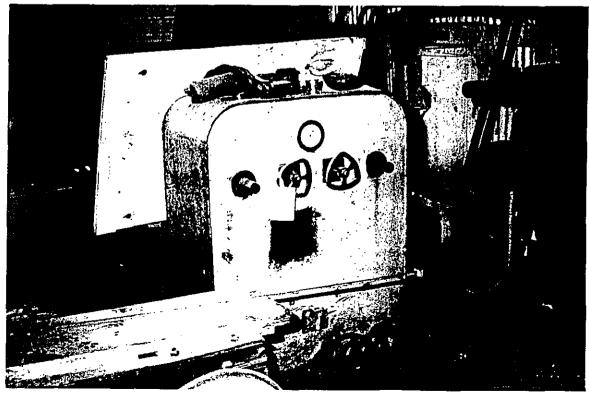
Item Name: The	Vicars Vane F	Pump (part of the Sprir	ngking assembly)	Item No. 113
Name Plate:				1
Associated Items Individual Assemblage Collection System Operational Group	□ 図 Sprir 図 Sprir	ng King 111-114 ngking 111-114		
	electrically o		ces the hydraulic pressure for	the operation of
History: N/A	· · · · · · · · · · · · · · · · · · ·			
Function and Ope	eration: N/A		Location: Bay 3 Sout	h 14West
Photo: FILI	M No.	Photogra	iphed and inspected Decem	
		Filotogia	phed and inspected Decem	Del 1990

1996 ___

	on:							···
onani	, , , , , , , , , , , , , , , , , , ,							
	•						•	
	ance Matr				State His	torical Themes:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial	Relic
Rare					Themes	☐ 13 Transport ☐ 15 Utilities		
Repres-						16 Industry		
entative	⊠			Ø		☐ 18 Technology		•
						☐ 20 Government	Administration	
tateme	nt of Sign	ificance	: The ite	em was an inte	egral part o	of the Eveleigh Lo	comotive Work	shop
						The item and its		
•		_				gree of structural i	integrity. The i	tem is
an integr	al part of t	he Spring	Shop o	perational gro	up.		÷.	į
Conserv	ation Poli	cv:				<u></u>		
		•	24		, ,			
			•		•	reserved as part		g king
ssembla	age, snear	s conecu	on and S	pring Snop op	erational g	roup to which it be	eiongs.	
The item	is to be	a nracer	und bu	C - 3 C				- حالم -
		- 010301	veu bv	being cleane	d. service	d and maintaine	d according t	.O ENE
mplemer						d and maintaine	a according t	O THE
mplemer				peing cleane nedules given		d and maintaine ·	a according t	.O Ene
mplemer						d and maintaine ·	a according t	O ENE
	ntation and	l mainten				d and maintaine	a according t	o the
		l mainten				d and maintaine	a according t	o the
Policy In	ntation and	l mainten	ance sch	nedules given	below.		· · · · · · · · · · · · · · · · · · ·	
Policy In	ntation and	I mainten ition:	ance sch	nedules given	below.	g appropriate met	hods. All supe	erficia
Policy In	ntation and nplementanal surface be remove	I mainten ation: s are to ed or trea	ance sch	nedules given ned and degre external surfa	below.		hods. All supe	erficia
Policy In	ntation and nplementanal surface be remove	I mainten ation: s are to ed or trea	ance sch	nedules given	below.	g appropriate met	hods. All supe	erficia
Policy In All externust is to such as S	nplementa nplementa nal surface be remove Shell ENSI	tion: es are to ed or trea S fluid or	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met	hods. All supe	erficia
Policy In All externust is to such as S	nplementa nal surface be remove Shell ENSI	tion: es are to ed or trea S fluid or	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar	hods. All supe	erficia
Policy In All externust is to such as S	nplementa nal surface be remove Shell ENSI	tion: es are to ed or trea S fluid or	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar	hods. All supe	erficia
Policy In All externust is to such as S All moving	nplementa nal surface be remove Shell ENSI g parts of	tion: es are to ed or trea S fluid or	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar	hods. All supe	erficia
Policy In All extern rust is to such as S All moving	nplementa nal surface be remove Shell ENSI	tion: es are to ed or trea S fluid or	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar	hods. All supe	erficia
Policy In All externust is to such as S All moving Conserve	nplementanal surface be remove Shell ENSI g parts of e in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar	hods. All supe	erficia ealan
Policy In All externust is to uch as S All moving Conserve	nplementanal surface be remove Shell ENSI g parts of a in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar nt ingress of dust.	hods. All supe	erficia ealan
Policy In All externust is to uch as S All moving Conserve	nplementanal surface be remove Shell ENSI g parts of e in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar nt ingress of dust.	hods. All supe	erficia ealan
Policy In All externust is to uch as S All moving Conserve	nplementanal surface be remove Shell ENSI g parts of e in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar nt ingress of dust.	hods. All supe	erficia ealan
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Policy In All extern rust is to such as S All movin Conserve Maintena	nplementa nal surface be remove Shell ENSI g parts of e in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar nt ingress of dust.	hods. All supe	erficia ealan
Policy In All extern rust is to such as S All moving Conserve Maintena nspect a he imples	nplementa nal surface be remove Shell ENSI g parts of e in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar nt ingress of dust.	hods. All supe	erficia ealan
Policy In All externust is to such as S All moving Conserve Maintena Inspect a the imples	nplementa nal surface be remove Shell ENSI g parts of e in situ.	ation: es are to ed or trea S fluid or electric m	be clean ted. All polycrys	nedules given ned and degre external surfa talline wax.	eased using ces are to	g appropriate met be treated with ar nt ingress of dust.	hods. All supe	erficia ealan

1996

Associated Items: Individual □ Assemblage ☑ Spring King 111-114 Collection ☑ Springking 111-114 System □ Operational Groups □ Description: This item is used to control the pumps which prod springking eye rolling machine. History: N/A Function and Operation: N/A Loca	
Individual Assemblage Spring King 111-114 Collection System Operational Groups Description: This item is used to control the pumps which prod springking eye rolling machine. History: N/A	
	uce the hydraulic pressure for the
Function and Operation: N/A Loca	
	tion: Bay 3 South 14 West
Photo: FILM No. Photographed and i	nspected December 1995

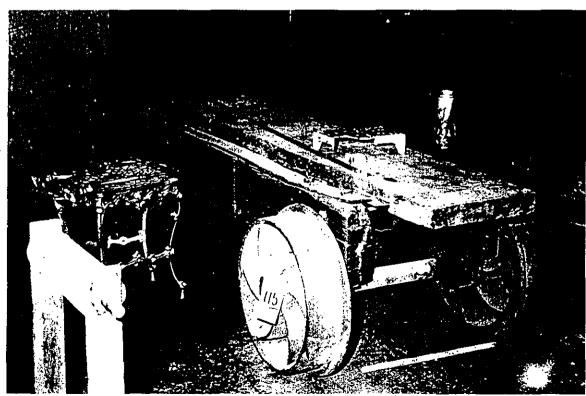


GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

Condition: Significance Matri Historical Rare Representative		Social	Technology/ Research Potential	State His	storical Themes:	
Historical A Rare □ Repres- entative ⊠	Aesthetic	_	Research Potential			·
Historical A Rare □ Repres- entative ⊠	Aesthetic	_	Research Potential			
Historical A Rare □ Repres- entative ⊠	Aesthetic	_	Research Potential			
Historical A Rare □ Repres- entative ⊠	Aesthetic	_	Research Potential			
Repres- entative 🖾	_				☐ Moveable Item ☐	Industrial Relic
entative 🖾				Themes	☐ 13 Transport	
entative 🖾					15 Utilities	
			\B		16 Industry	
					☐ 18 Technology ☐ 20 Government Adm	.:-!-44!
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	isting fabi	ric. The	item exhibits	a high deg	The item and its oper gree of structural integ	-
Conservation Police	cv:			<u> </u>		
•	•	ito proc	ant location	and ha n	recogned as part of	the enring king
assemblage and Sp				•	reserved as part of longs.	the spring king
The item is to be	e preserv	ed by	beino cleane	d. service	d and maintained a	ccordina to the
mplementation and						
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					·	
Policy Implementa	tion:			 :		
All external surface ust is to be remove such as Shell ENSIS	d or treate	edAll e	external surfac	ased using ces are to	g appropriate methods be treated with an app	s. All superficial propriate sealant
All moving parts of ϵ	electric mo	otors are	to be covered	d to prever	nt ingress of dust.	
					•	
					•	
laintenance Sche	dule					
nspect all external (surfaces f	or riset =	very 12 mont	he Mhere	e necessary, coat as r	ecommended in:
he implementation s		or rast e	very 12 mont	ris. VVIIEIE	e ilecessary, coat as r	ecommenaea m
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nterpretation:	-	·	<u>'</u>	·		
rechierations						ſ
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1996

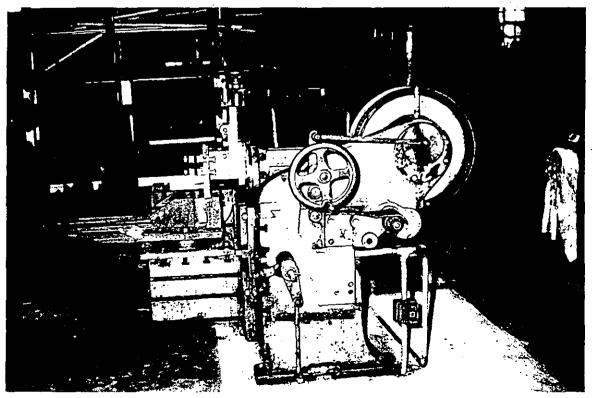
Item Name: Four Wheeled Trolley	Item No. 115
Name Plate:	
Associated Items: Individual ☑ Assemblage □ System □	
Collection Description: This four-wheeled trolley is 2.5 metres long	and consists of the frame made of the
very heavy longitudinal beams and two shorter transvers beams is fitted with steel bar to prevent wear. The simple wheels front and rear. The wheels are of a ? railway type w History: The history of the item is unknown but it appears	bearing blocks hold the axle of a set ovith C-shaped spokes.
•	to be of some anaquity.
Function and Operation: The item was used for transporting material on the rail tracks in the workshop.	Location:



Item Name	: For	r Wheeled	Trollev	· ·		 -		Item N	o. 115
						<u> </u>	····		
Condition:	•				•		•		
The item is	in god	od/exceller	nt operatir	g condition.					
	•								
· .									<u></u>
Significan His	ce Ma torical	trix Aesthetic	Social	Technology/	State His	storical TI	•	 _	
				Research Potential	Category	☐ Movea		l industria	l Relic
Rare					Themes	13 Trai	=		
Repres-						15 Otti			
entative	X		.	X		☐ 18 Tec	hnology		
· .			<u> </u>	<u> </u>		20 Gov	vernment Adn	n <u>i</u> nistration	l
Statement	_	-				•	-		
				Eveleigh Lo					
				m will yield interpret from			ature of pas	t work pr	actices.
ne item at	iu its t	pperauon	s easy to i	merpret nom	iis existing	j iabiic.			
	<u> </u>	Ti	·						
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laintenand	ce Sch	nedule		· · · · · · · · · · · · · · · · · · ·		<u> </u>			
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nspect eve	ry 5 ye	ears.				4			
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nterpretati	on:					-		<u>_</u>	
			-						

1996

tem Name: The Halifax Shaper	Item No.	116
Name Plate:		
Associated Items:		
ndividual 🗹		
Assemblage		
Collection		
System	-	
Operational Groups		
versatility. The shaper drive mechanism was through a large-toothed cog located he drive. It had a 14 inch bracket, 350mm stroke and although relatively old, waversatile and accurate machine.		
History: The history of the item is unknown but it is believed to have been installed between the Wars. It was moved to its present location after the workshops closed Guido Gouvernor.		
Function and Operation: The machine was used normally for preparing flat surfaces of relatively small tems and was regarded as a precision cutting machine.	13 West	
4A 4 3 2		



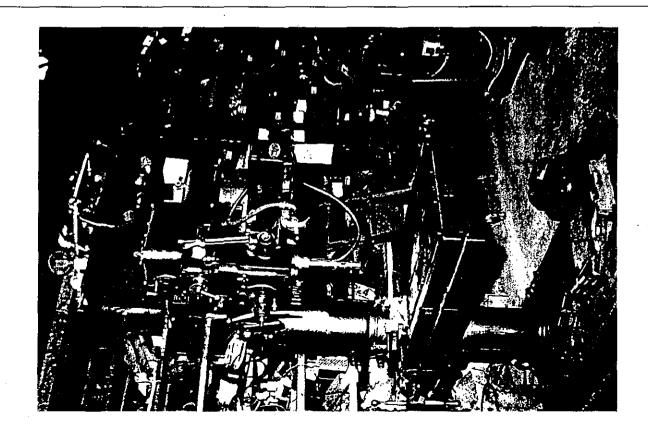
GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996

Item Na	me: Halit	ax Shaper	• .	 -		· · · · · · · · · · · · · · · · · · ·	Item No. 116
Conditi	on:						
The iten	n is in goo	d/excellen	t operatir	ng condition.			
,				· · · · · · · · · · · · · · · · · · ·			
Signific	ance Mat	riX Aesthetic	Social	Technology/	State His	storical Themes:	
	THSTOTICAL	Aestricuo	:	Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare					Themes	13 Transport	
Repres-						☐ 15 Utilities ☐ 16 Industry	
entative	X					18 Technology	
						20 Government Adn	ministration
being a potentia	ssociated I for devel	with their oping an ι	operatio ınderstar	n for over 40 iding of early	years. engineerin	of the Eveleigh Locom The item has researd ag practice. The item a high degree of struc	ch and education and its operation
Conser	vation Po	licy:					
			•	•	•	th and if relocated to which it was removed	•
		•	-	being cleane edules given l		d and maintained a	according to the
Policy I	mplemen	tation:		<u> </u>			
rust is to such as finish sh or a poly	be remove Shell ENS could be su crystalline	ed or trea IS fluid or litably poli	ted. All of polycrys shed and moving p	external surfactalline wax. A located with a parts of electri	ces are to all operatin an appropr	g appropriate method be treated with an ap ig surfaces exhibiting riate sealant such as t are to be covered to p	propriate sealant a normally bright Shell ENSIS fluid
Mainten	ance Sch	edule					
	all externa ementation		for rust e	every 12 mont	hs. Where	e necessary, coat as i	recommended in
						Any rust or oxidation rand sealant.	product must be
Interpre	tation:		·		<u> </u>	·	
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		. •					

1996

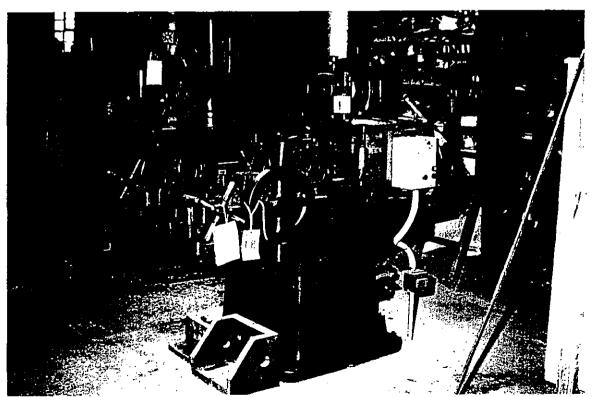
Item Name: Boring Machine	Item No. 117
Name Plate:	
Associated Items: Individual Assemblage System Collection Description: This small boring machine by Fred Town and tool head could be moved longways on the arm through a about 1.2metres long, 0.8 metres wide and stands in excess	manually operated wheel. The item is
History: The history of the item is unknown but it was represent location by Mr Guido Gouvernor after the workshops	
Function and Operation: The small boring machine was used for producing or enlarging holes which had been drilled or turned in various steel parts or sections. The cutting heads were fixed through the use of a taper and pin.	Location:



	ı me: Bori	ing Machir	ne				Item No.	117
Conditi	on:							
The iten	n is in god	od/exceller	nt operatii	ng condition.				
Signific	ance Ma Historical	trix Aesthetic	Social	Technology/ Research Potential	State His	storical Themes:	☐ Industrial Re	lic
Rare			a		Themes	☐ 13 Transport ☐ 15 Utilities		
Repres- entative	Ø			团		☐ 16 Industry☐ 18 Technology☐ 20 Government	Administration	٠
eing as otential	ssociated I for deve	with their loping an	operation	on for over 40 anding of early	years. engineerin	of the Eveleigh Loo The item has rese ag practice. The ite a high degree of st	earch and educa em and its opera	ition ition
oneem								
-01196(/	vation Po	olicy:		•				
The iten	n is to be	removed		10 North or B removed and		h and fastened to l.	a bed close to	the
The iten ocation The iter	n is to be of the one m is to	removed from whi	ch it was ved by	removed and	conserved d, service			
The iten ocation The iter mpleme	n is to be of the one m is to intation ar	e removed e from whi be preser nd mainter	ch it was ved by	removed and being cleane	conserved d, service	l.		
The iten ocation The iter mpleme Policy Ir All exter ust is to such as inish shor a poly	n is to be of the one of the one of the one of the one of the of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface or original surface or original surface or original surface or original surface or original surface or or original surface or or or or or or or or or or or or or	e removed e from which be presend nd mainter tation: ces are to ved or trea SIS fluid or uitably poli	ch it was ved by nance sch be clean ated. All r polycrys ished and	removed and being cleane nedules given led and degreexternal surfactabline wax.	d, service below. ased using ces are to all operating an appropri	l.	nods. All superfi appropriate sea ing a normally br as Shell ENSIS f	the cial lant ight luid
The item ocation The item mpleme All externust is to such as inish shor a polylust.	n is to be of the one of the one of the one of the one of the of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface of the original surface or original surface or original surface or original surface or original surface or original surface or or original surface or or or or or or or or or or or or or	e removed e from which be preser and mainter tation: ces are to ved or trea SIS fluid or uitably poli e wax. All	ch it was ved by nance sch be clean ated. All r polycrys ished and	removed and being cleane nedules given led and degreexternal surfactabline wax.	d, service below. ased using ces are to all operating an appropri	I. d and maintained g appropriate methode treated with an ang surfaces exhibitititate sealant such a	nods. All superfi appropriate sea ing a normally br as Shell ENSIS f	the cial lant ight luid
The item ocation The iter mpleme Policy Ir All externust is to uch as nish short a poly ust.	m is to be of the one of the one of the one of the one of the one of the original surface of the original surface of the original surface of the original original surface or original	e removed e from which be presend and mainter tation: ces are to ved or trea SIS fluid or uitably police e wax. All	be clean ted. All polycrys	removed and being cleane nedules given led and degreexternal surfactalline wax. At coated with parts of electric	d, service below. ased using ces are to all operating an appropric motors a	I. d and maintained g appropriate methode treated with an ang surfaces exhibitititate sealant such a	nods. All superfi appropriate sea ing a normally br as Shell ENSIS f o prevent ingres	the icial lant ight luid s of
The item ocation The iter mpleme Policy Ir All externust is to such as inish shor a poly lust. Ilaintenance and implement a complement according to the implement to be of the one of the one of the one of the one of the one of the one of the original surface of the original surface of the original surface of the original original surface original o	e removed e from which be preser nd mainter tation: ces are to ved or trea SIS fluid or uitably police e wax. All redule al surfaces n section.	be clean ated. All r polycrys ished and moving r	removed and being cleane nedules given led and degreexternal surfactalline wax. At coated with parts of electric every 12 month of the inspected	d, service below. ased using ces are to all operating an appropric motors and the control of th	d and maintained g appropriate meth be treated with an ig surfaces exhibiti iate sealant such a are to be covered t	nods. All superfi appropriate sea ing a normally br as Shell ENSIS f o prevent ingress	the cial lant light luid s of	

1996

Item Name: The Launch's Screw Cutting Machine		Item No. 118
Name Plate:		
Associated Items:		
Individual		
Assemblage 🗆 🗖		
System 🔲		
Collection	·	-a^
Description: This particular item has a massive cast-iron be screw cutting on a wide range of bolts used throughout the range. History: The history of the item is unknown but it is believe	ail network.	
10 North between the Wars.		lled initially in Day
•	Location:	· A
special ways at the front of the machine into the screw		
cutting chucks. The screw cutting, once commenced is		3
fed automatically.	<u> </u>	
	F	6
		8
		9 10
		11
•	<u> </u>	12
	F	14
	4A 4 3	2 1
Photo: FILM No. Photographed a		

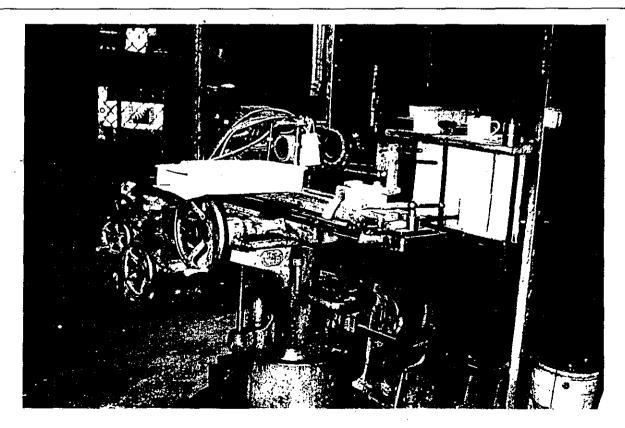


1996

Item Nar	me: Lanu			Macmine			Item No. 11
Conditio	n:			-, -			
The item	is in good	l/exceller	nt operatii	ng condition.			
	ance Matr		0	T-1	State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare					Themes	☐ 13 Transport ☐ 15 Utilities	
Repres-	1520	·		53		16 Industry	
entative	×			_ ⊠		☐ 18 Technology ☐ 20 Government A	
			·-		Ĺ <u></u> ,,	of the Eveleigh Loc	
						g practice. The ite a high degree of str	
Conserv	ation Poli	icv:					
	u	oy.					
	is to be	removed		10 North or B removed and		h and fastened to	a bed close to th
location of	is to be of the one	removed from whice	ch it was ved by	removed and	conserved d, service		
location of the item implemen	is to be of the one	removed from whice preser d mainten	ch it was ved by	removed and being cleane	conserved d, service	• ,	
The item implement implement in the item implement in the item in	is to be of the one of	removed from which which was are to ed or treated by politically p	ch it was ved by nance sch be clean nted. All	removed and being cleane nedules given led and degre external surfactalline wax. At coated with a	conserved d, service below. ased using ces are to	• ,	ods. All superficial appropriate sealaring a normally brights Shell ENSIS flui
The item implement implement is to such as Sinish should it.	is to be of the one of	removed from whice presert maintendation: es are to ed or treat S fluid or tably politically wax. All	ch it was ved by nance sch be clean nted. All	removed and being cleane nedules given led and degre external surfactalline wax. At coated with a	conserved d, service below. ased using ces are to	d and maintained g appropriate methologies treated with an agree synibiting iate sealant such a	ods. All superficial appropriate sealaring a normally brights Shell ENSIS flui
The item implement implement is to such as Sinish shoot a polycodust.	is to be of the one of	removed from which present ation: es are to ed or treat so fluid or tably politions. All edule surfaces	be clean ted. All polycrys	removed and being cleane nedules given hed and degre external surfactalline wax. At coated with a parts of electric	conserved d, service below. ased using ces are to all operating an appropri c motors a	d and maintained g appropriate methologies treated with an agree synibiting iate sealant such a	ods. All superficia appropriate sealar ng a normally brigh as Shell ENSIS flui o prevent ingress o
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The item implement implement implement is to such as Sfinish shoot a polycodust. Maintenatine implement i	is to be of the one of	removed from which e presert in maintend ation: es are to ed or treat S fluid on tably politions. All edule surfaces section.	be clean ated. All polycrys shed and moving the clean ated and moving the clean ated and moving the clean ated.	removed and being cleane nedules given hed and degre external surfactalline wax. At coated with a parts of electrically devery 12 months of the decrease of the every 12 months of the	conserved d, service below. ased using ces are to all operating an appropri c motors a	d and maintained g appropriate methology appropriate methology appropriate methology appropriate sealant such a re to be coveredate a necessary, coat a	ods. All superficial appropriate sealaring a normally brights Shell ENSIS fluit prevent ingress of the secommended in
The item implement implement implement implement is to such as Sinish shoot a polycodust. Maintenation implement im	is to be of the one of	removed from which e presert in maintend ation: es are to ed or treat S fluid on tably politions. All edule surfaces section.	be clean ated. All polycrys shed and moving the clean ated and moving the clean ated and moving the clean ated.	removed and being cleane nedules given hed and degre external surfactalline wax. At coated with a parts of electrically devery 12 months of the decrease of the every 12 months of the	conserved d, service below. ased using ces are to all operating an appropri c motors a	d and maintained g appropriate methology appropriate methology appropriate methology appropriate sealant such a re to be coveredate a necessary, coat a	ods. All superficial appropriate sealaring a normally brights Shell ENSIS fluit prevent ingress of the secommended in
The item implement implement implement implement is to such as Sinish shoot a polycodust. Vaintenation implement im	is to be of the one of	removed from which e presert in maintend ation: es are to ed or treat S fluid on tably politions. All edule surfaces section.	be clean ated. All polycrys shed and moving the clean ated and moving the clean ated and moving the clean ated.	removed and being cleane nedules given hed and degre external surfactalline wax. At coated with a parts of electrically devery 12 months of the decrease of the every 12 months of the	conserved d, service below. ased using ces are to all operating an appropri c motors a	d and maintained g appropriate methology appropriate methology appropriate methology appropriate sealant such a re to be coveredate a necessary, coat a	ods. All superficial appropriate sealaring a normally brights Shell ENSIS fluit prevent ingress of the secommended in

1996--

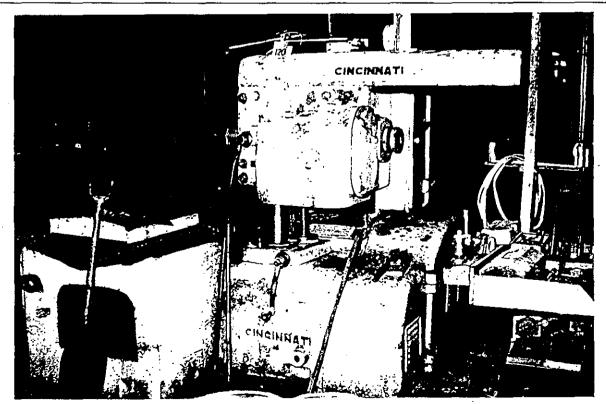
Item Name: The Surface Grinder	Item No. 119
Name Plate: N/A	
Associated Items:	
Individual 🗹	
Assemblage 🛛	
System	
Collection	
Description: This small surface grinder consists of a bar adjusted horizontally in two directions and can be fed horizontally in two directions and can be fed horizontal in the contained on the opposite side to the feed mechan electric motor. The grinding head is small being about 75m.	izontally in two directions. The grinding nism and is driven through a stand-alone
History: The history of the item is unknown.	
	····
Function and Operation: The item is used for surface grinding of small items and the whole operation is done manually. The cross feed and transfer feed is controlled by two handles located on the operator's side of the machine.	Location: Bay 3 South 11 West
Photo: Film No. Photographed	and inspected December 1995



	ne: Surfa	ice Grinde	r				Item No. 119
Conditio	n:		<u> </u>				<u> </u>
The item	is in good	i/excellent	operati	ng condition.			
						•	
-	ince Matr				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×				Themes	13 Transport	,
Repres-						15 Utilities	•
entative	X					☐ 16 Industry ☐ 18 Technology	
]	20 Government Adm	inistration `
Conserv	ation Poli	icy:			· · · · · ·		
		-		0 North or D	2 Ca. 4	n and fastened to a b	and place to the
			•	removed and	•		od olooo to tik
		•	•	being cleane nedules given		d and maintained a	ccording to the
	•		•				
				•		· •	
Policy Im	plementa	ation:		· · · · · · · · · · · · · · · · · · ·	, . <u> </u>	· ·	
All extern rust is to such as S inish sho or a polyc	al surface be remove Shell ENSI uld be sui	es are to be ed or treat IS fluid or itably polis	ed. All polycrys hed and	external surfa stalline wax. A d coated with	ces are to All operatin an appropr	g appropriate methods be treated with an app g surfaces exhibiting a iate sealant such as S ire to be covered to pr	propriate sealan normally brigh thell ENSIS fluid
All extern ust is to such as S inish sho or a polyc lust.	al surface be remove Shell ENSI uld be sui	es are to led or treat IS fluid or itably polis wax. All i	ed. All polycrys hed and	external surfa stalline wax. A d coated with	ces are to All operatin an appropr	be treated with an app g surfaces exhibiting a iate sealant such as S	propriate sealan normally brigh thell ENSIS fluid
All externates to such as Sinish shoor a polyculast. Maintena	al surface be remove Shell ENSI ould be sui crystalline Ince Sche	es are to be don't read IS fluid or itably polis wax. All i	ed. All polycrys hed and noving p	external surfa stalline wax. A d coated with parts of electri	ces are to All operatin an appropr c motors a	be treated with an app g surfaces exhibiting a iate sealant such as S	oropriate sealan n normally brigh hell ENSIS fluid event ingress o
All externation is to such as Sinish shoor a polycolust. Maintenation is spectal he implementation.	al surface be remove Shell ENSI ould be sui crystalline ince Sche ll external mentation	es are to it ed or treat IS fluid or itably polis wax. All it edule surfaces to section.	ed. All polycrys thed and moving per for rust of the second secon	external surfactalline wax. As coated with parts of electricates are severy 12 mon	ces are to All operatin an appropr ic motors a ths. Where d for rust.	be treated with an app g surfaces exhibiting a late sealant such as S are to be covered to pro- e necessary, coat as re Any rust or oxidation p	oropriate sealan in normally brigh thell ENSIS fluid event ingress o
All externance is to such as Sinish shoor a polycodust. Maintenance inspect alone implements.	be remove Shell ENSI ould be suit crystalline Ince Sche Il external mentation ears internal	es are to it ed or treat IS fluid or itably polis wax. All it edule surfaces to section.	ed. All polycrys thed and moving per for rust of the second secon	external surfactalline wax. A coated with parts of electrical every 12 monday	ces are to All operatin an appropr ic motors a ths. Where d for rust.	be treated with an app g surfaces exhibiting a late sealant such as S are to be covered to pro- e necessary, coat as re Any rust or oxidation p	oropriate sealant in normally bright shell ENSIS fluid event ingress of ecommended in

1996__

Item Name: The Cincinnati Milling Machine	Item No. 120
Name Plate: NSWTD MH 3668 S.O.27212 C	INCINNATI.BIRMINGHAM.ENGLAND
Associated Items:	
Individual 🗹	
Assemblage	
System	
Collection **D	••
Description: This small milling machine comounting and a large ped?? which can move the	onsists of a cast bed with steel ways, a machine ne cutting head both vertically and horizontally
History:	
Function and Operation:	Location: Bay 3 South 10 West
	1 2 3 4 4 5 5 6 6 7 7 8 9 10 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
Photo: FILM No. Pho	otographed and inspected December 1995



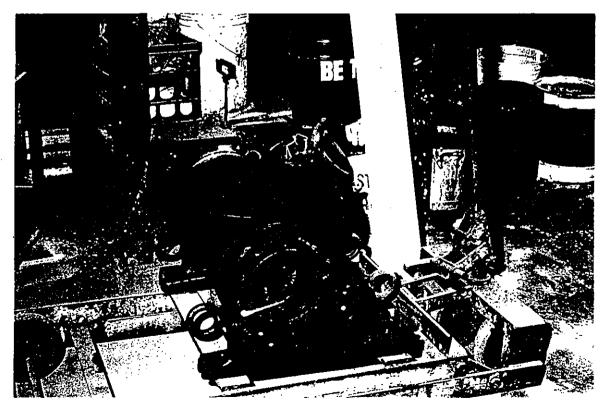
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1996 ____

Item N	ame: Bed	Prom Gei	nevoise	· · · · · · · · · · · · · · · · · · ·			Item No. 121
Condit	ion:	<u> </u>			· · ·		
		m appears d, serviced			dition provi	ding power sources are	e connected and
The ext	ternal surfa	ace of the	item has	patches of su		st and bare metal.	
Signific	cance Ma		0		State His	storical Themes:	
	Historical	Aesthetic .	Social [®]	Technology/ Research Potential	Category	<u></u> .	Industrial Relic
Rare	X			X	Themes	☐ 13 Transport☐ 15 Utilities	,
Repres-	-	_	_			☐ 16 Industry	
entative	X		Ц	×		18 Technology	·
						☐ 20 Government Adm	inistration
Statem	ent of Sig	nificance			1	•	1 24 1 11 11
		•				٦	,
Conse	vation Po	licy:					
The iter	m is to be	removed to	Bay 7 N	Iorth.			
			•				
					•		İ
							1
Policy	Implemen	tation	·	·····	· · · · · ·	<u> </u>	
All exte	rnal surfac o be remo	ces are to ved or trea	ated. All	•		g appropriate methods be treated with an app	Y
		,					` }
	•						
						<u></u>	
Mainter	nance Sch	edule					
	all externa		for rust e	every 12 mon	ths. Where	e necessary, coat as re	ecommended in
				•			,
		*					
							··
							-
Interpre	tation:			·		·	
urethie	ranvii.						1.
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1996__

tem Name: Bed	I from the Genevoise Pr	recision Drilling Machine Item No. 122
lame Plate:	 	
Associated Item	s:	
ndividual		
\ssemblage		
Collection		·
System		~°'
perational Group	ps 🗖	
		n 135, the Genevoice Drilling and Boring Machine.
		.
listory:		
The second secon		
unction and Op	peration:	Location: Bay 3 South 9 East
unction and Op	peration:	Location: Bay 3 South 9 East
unction and Op	peration:	Location: Bay 3 South 9 East
unction and Op	peration:	Location: Bay 3 South 9 East
unction and Op	peration:	1 2 3 4
unction and Op	peration:	1 2 3 4 5
unction and Op	peration:	1 2 3 4 5 6 7 8 9
unction and Op	peration:	1 2 3 4 · · · · · 5 6 7 8
unction and Op	peration:	1 2 3 4 5 5 6 7 7 8 9 10 11 12
unction and Op	peration:	1 2 3 4 5 6 6 7 8 8 9 10 11
unction and Op	peration:	1 2 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15
	peration:	1 2 3 4 5 6 7 8 9 10 11 12 13 14 14

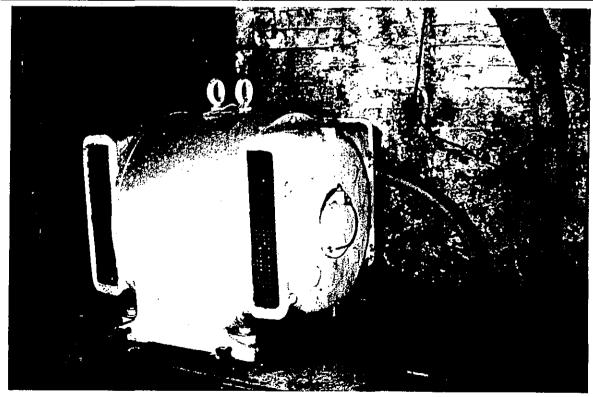


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			evoise				Item No. 1
Condit	ion:	· -			<u> </u>		
		em appears ed, serviced			dition provi	ding power sources are	connected a
			item has	patches of su		st and bare metal.	
Signific	cance Ma Historical	trix Aesthetic	Social	Technology/ Research	State His	storical Themes:	Industrial Relic
				Potential			maustriat Kello
Rare	×	u	U .	×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-				_		☐ 16 Industry	
entative	×	u ·		X		☐ 18 Technology	
				·		20 Government Admir	istration.
Statem	ent of Sig	gnificance:	:			·	A CONTRACTOR OF STREET
See iter	n 135.					*	:
	•						
Conser	vation Po	olicy:					
See iten	n 135.	-					•
	·						·
Policy I	mplemen	tation:	•				•
		1.7				· · · · · · · · · · · · · · · · · · ·	
rust is to	be remo	ved or trea	ited. All e	_	7	g appropriate methods. be treated with an appr	-
rust is to such as	be remo	ved or trea SIS fluid or	ited. All e	external surfa	7		-
rust is to such as	be remo	ved or trea SIS fluid or	ited. All e	external surfa	7		-
rust is to such as Conserv	be remo	ved or trea SIS fluid or	ited. All e	external surfa	7		-
rust is to such as Conserv Mainten	be remo Shell ENS re in situ.	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to		opriate seala
rust is to such as Conserv Mainten	o be remo Shell ENS re in situ. nance Sch	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten	o be remo Shell ENS re in situ. nance Sch	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten	o be remo Shell ENS re in situ. nance Sch	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten	be remore Shell ENS re in situ. nance Schail externa ementation	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten Inspect the imple	be remore Shell ENS re in situ. nance Schail externa ementation	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten Inspect the imple	be remore Shell ENS re in situ. nance Schail externa ementation	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten Inspect the imple	be remore Shell ENS re in situ. nance Schail externa ementation	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala
rust is to such as Conserv Mainten Inspect the imple	be remore Shell ENS re in situ. nance Schail externa ementation	ved or trea SIS fluid or nedule al surfaces	ted. All e	external surfa talline wax.	ces are to	be treated with an appr	opriate seala

1996___

Item Name: The Hydraulic System Electric Motor	Item No. 184
Name Plate:	
Associated Items:	
Individual 🔲	
Assemblage \square	
Collection	
System	, 158, 184-187, 193, 194, 213
Operational Groups 🔲	
Description: The Hydraulic System consists of an electron	
free flow electric pump, a steam hydraulic pump by Field	ing and Plat, a water reservoir and two
hydraulic accumulators. This 100 horsepower motor is b	
Leeds, England. It is believed that this motor was installe	
the base on which it stands indicates that another motor ha	s been used to power the pump at some
time in the past.	and that it was installed in 1011 to account
History: The history of this item is unknown but it is believed the Hawthorn Davy three throw pump. It is possible that the	
changed in response to the change in the coupling system.	the footings on which it is mounted were
	Location: Bay 3 South 15 West
continuously - but is only on load as hydraulic power is	1
being consumed.	2
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	4A 4 3 2 1
Photo: FILM No. Photographed	and inspected December 1995



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Item Na	me: Hyd	draulic Syst		<u> </u>			Item No. 184
Condition	on:						
						•	
			•				•
Signific	ance Ma Historical	trix Aesthetic	Social	Technology/	State His	torical Themes:	
	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	图			M	Themes	☐ 13 Transport☐ 15 Utilities	
Repres-	(EA)			570		☐ 16 Industry	,
entative	X	u	ч	\(\Bar{\Bar{\Bar{\Bar{\Bar{\Bar{\Bar{		☐ 18 Technology☐ 20 Government Adm	Start a form All a su
Stateme	ent of Si	nnificanco	The ite	m was an inte	egral part o	of the Eveleigh Locom	<u>. </u>
being as	sociated	with their o	peration	for over 70 ye	ears. The	item is an integral par	of the hydraulic
						its existing fabric. The	
9.,9	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·	911191 11	io itorii io arr ii	nograi pari	to the Hydradio parti	docombiago.
Conserv	ation Po	olicy:		<u> </u>			· · · · · · · · · · · · · · · · · · ·
						served as part of the	hydraulic pump
				•		which it belongs.	ì
	·		a to its p	ower source a	and made d	perational.	
Policy Ir	nplemer	itation:					
The motor	or should	be inspect	ed by an	electrical con	servator ar	nd retained as necessa	ary.
Conserve	e in situ.			•			
					· · · · · · · · · · · · · · · · · · ·	<u></u>	
Mainten	ance Sci	nedule		•			
To be de	termined	by an elec	trical con	tractor.			
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J., 4.,	L_45			-			
Interpret	auon:						
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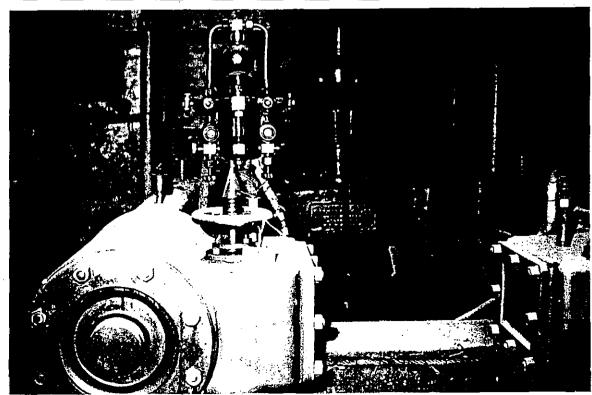
		Item No. 185
Name Plate:		·
Associated Items:		_
Individual		
Assemblage		
Collection		_
System	i, 158, 184-187, 193, 194 _,	213
Operational Groups		
Description: The Hydraulic System consists of an elec-	ric motor connected to the	ne gearbox of a
free flow electric pump, a steam hydraulic pump by Field	•	
hydraulic accumulators. This is a vertical triplex, single	- •	-
horsepower electric motor via a very large reduction gear	•	
in 1914 and is by Hawthorn Davy and Company Limited o	-	imp is mounted
on a cast iron footing which also holds the platform on which		
History: The pump was installed in 1914 in this location to		
Function and Operation: When the workshops were in		15 West
full swing the pump was switched on for each shift. The	1 1 1	
pump rotated continuously but was not placed under		
pressure unless hydraulic fluid was being sent through the		
system.		
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		13 14
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		4 1
	4A 4 3	
Photo: FILM No. Photographed	I and inspected Decemb	er 1995
Photo: FILM No. Photographed		er 1995
Photo: FILM No. Photographed		er 1995
		er 1995

1996 ____

Item Na	me: Hydr	aulic Syst	em Pum	p			Iten	ı No.	185
Condition	on:							· 	
	al, the iter is cleaned	• •			dition provi	ding power sources	are con	nected	and
Signific	ance Mat	rix			State His	storical Themes:			_
J G G	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable item	🗖 Indus	trial Re	lic
Rare	Ø	Ø			Themes	☐ 13 Transport☐ 15 Utilities	•		
Repres- entative	3		Q		} }	☐ 16 Industry ☐ 18 Technology ☐ 20 Government A	\	ti o.m	
Stateme	ent of Sign	ificance			<u> </u>	20 Government A		uon	
its opera	ation is e	asy to int The iten	erpret fr is an in	om its existing tegral part of	ng fabric.	in its design and d The item exhibits ulic pump assembla	a high	degre	e of
Conserv	ation Pol	icy:						<u></u>	
				sent location which it belor		eserved as part of	the hydra	aulic pi	ump
The item	is to be re	econnecte	d to its p	ower source a	and made o	operational.			
Policy In	nplement	ation:				· ·			
The mac internal to to be cle treated. fluid or p	hine is to pare metal aned and All extern olycrystall	be strippe surfaces degrease al surface ine wax.	are to be d using es are to All pipes	e dried and g appropriate m be treated w	reased to prethods. An ith an apprecent	l, all bearings and gorevent rust. All ex All superficial rust is ropriate sealant su d, cleaned, dried ar	ternal su s to be re ch as Sh	rfaces emoved ell EN	are d or SIS
Mainten	ance Sch	edule							
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Interpret	ation:			•					}
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1996

EVELEIGH LOCOMOTIVE WORKSHUPS MACHINER	(Y CONSERVATION	1996
Item Name: The Hydraulic System Steam Pump		Item No. 186
Name Plate:		
Associated Items:		
Individual		
Assemblage		
Collection		
System	, 158, 184-187, 193, 194,	213
Operational Groups		••
Description: This is a two-cylinder horizontal steam e	engine direct linked with	a two-cylinder
pressure pump manufactured in England, about 1885. The		
each driven directly by steam cylinders by sharing a comm	ion piston shaft and are r	nounted behind
and in line with each steam cylinder. The con-rods to the tw	•	•
the centre of each cylinder/pump/piston. Over speed regul	ation is by a governor dri	ven from the fly
wheel crank shaft.		
History: The pump was installed in this position in 1886	and has been shown in	this location on
various maps and plans since.		5.3 7.5 22
Function and Operation: The pump is connected to the	Location: Bay 3 South	15 West
Number 4 steam engine and when it was in operation the		
valving system was actuated by the rise and fall of the		2
accumulators.		3
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		12
	 	13 14
	44 4 3 2	15
<u> </u>		
Photo: FILM No. Photographed	and inspected Decemb	er 1995
	<u></u>	
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION
Itom Namo: Hydraulio System Steam Hydraulio Dump

1996 ___

Item Na	ame: Hyd	Iraulic Sys	stem Stea	ım Hydraulic F	ump		Item No. 186
Conditi	ion:						
•	•	em appear ed, service		•	dition provi	iding power sources are	connected and
Signific	ance Ma	trix			State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic
Rare		M	Ø		Themes	☐ 13 Transport ☐ 15 Utilities	
Repres-		•	*			16 Industry	
entative	\(\text{\Bar}\)			Ø		18 Technology	
-	÷					20 Government Admi	nistration
Statom	ont of Sic	nificance		· · ·	<u> </u>		4 3 4 7 9 4
its oper	ration is o al integrity	easy to ir y. The ite	nterpret f m is an ir	rom its existii	ng fabric.	in its design and detail The item exhibits a ulic pump assemblage.	high degree of
Conser	vation Po	olicy:					
			•	sent location which it belor	•	eserved as part of the	hydraulic pump
The iten	n is to be	reconnect	ed to its p	ower source a	and made	operational.	
			•			•	
	<u>.</u>	,				<u> </u>	
Policy I	mplemen	tation:					
internal to be cle treated. fluid or p	bare meta eaned and All exter polycrysta	al surface: d degreas nal surfac illine wax.	s are to be ed using ses are to All pipe	e dried and g appropriate no be treated w	reased to prethods. An apposite of the second of the secon	I, all bearings and gland prevent rust. All extern All superficial rust is to propriate sealant such a d, cleaned, dried and tr	lal surfaces are be removed or as Shell ENSIS
Mainten	ance Sch	nedule					<u></u> , , , , , , , , , , , , , , , , ,
		al surfaces n section.		every 12 mon	ths. Where	e necessary, coat as re	commended in
Every 5 treated s	years inte suitably by	ernal surfa / being rer	ces shou noved an	ld be inspecte d coated with	d for rust. an inhibito	Any rust or oxidation pr and sealant.	roduct must be
						N.	
Interpre	tation:	· - ··					 ,
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1996.....

Item Name	Hydraulic System O	vernead Reservoir		Item No. 187
Name Plate			· · · · · · · · · · · · · · · · · · ·	<u> </u>
Associated Individual Assemblage System	□ e □ ☑ Hydrau	ulic 49, 52, 144, 152	2-154, 158, 184-187, 1	193, 194, 213
Collection	This hydraulic res	envoir was installed	l in 1886 to hold the	water for the hydrauli
				been no return pipes.
distory: In:	stalled in this location i	in 1886.		
	nd Operation: The gave a low-pressumps.			
Photo:	FILM No.	Photogra	phed and inspected	December 1995
	•			
	,	•	•	
		Photograph to	come.	

Item Na	me: Hyd	raulic Sys	tem Over	head Reservo	oir		Item No. 187
Condition	on:						
The item	n is in god	od/exceller	nt operatio	ng condition.			
Signific	ance Ma	t rix Aesthetic	Social	Technology/		storical Themes:	
				Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	\B				Themes	☐ 13 Transport☐ 15 Utilities	
Repres-	 *	_	_			16 industry	
entative	煪			⊠ .		☐ 18 Technology	
						20 Government Adn	ninistration
Conserv	o interpre	et from its e	existing fa	abric. The iter	n exhibits a	g practice. The item a high degree of struct	tural integrity.
Conservation The item ocation The item	vation Ponting to the one of the one on is to	et from its e	to Bay chit was	abric. The iter 10 North or B removed and	ay 2 South conserved	h igh degree of struct	tural integrity.
Conserv The item location The item impleme	vation Ponting to the one of the one on is to	et from its en i	to Bay chit was	abric. The iter 10 North or B removed and being cleane	ay 2 South conserved	h and fastened to a	tural integrity.
Conserve The item location The item impleme Policy Ir All extern rust is to such as strings shows the conservation of the cons	vation Por is to be remosal surface be sell ENS ould be se	et from its en licy: e removed the from which the present mainter the sare to en lices are to en lices are to en lices are to en lices are to lices	to Bay ch it was ved by ance schot ated. All of polycrys shed and	abric. The iter 10 North or B removed and being cleane nedules given ed and degre external surface stalline wax. A	ay 2 South conserved d, service below. ased using ces are to all operating an appropri	h and fastened to a	tural integrity. bed close to the according to the propriate sealant a normally bright Shell ENSIS fluid
Conservation The iter Incation The iter Impleme Policy Ir All exteri rust is to such as signish sho or a poly dust.	vation Por is to be remosal surface be sell ENS ould be se	elicy: e removed e from which be preser nd mainter tation: ces are to ved or trea SIS fluid or uitably police wax. All	to Bay ch it was ved by ance schot ated. All of polycrys shed and	abric. The iter 10 North or B removed and being cleane nedules given ed and degre external surface stalline wax. A	ay 2 South conserved d, service below. ased using ces are to all operating an appropri	a high degree of struct a high degree of struct a and fastened to a d and maintained a g appropriate methods be treated with an app g surfaces exhibiting a iate sealant such as S	tural integrity. bed close to the according to the propriate sealant a normally bright Shell ENSIS fluid
Conservation The iterral including i	vation Por vation Por vation Por vation Por vation Por vation is to vation and surface be removed be suited by the surface Schell ENSould be surface Schell in vaternal vatern	et from its en licy: e removed en from which the present maintender the sare to wed or treation: es are to wed or treation the sare to wed or treation the sare to wed or treation. Els fluid or witably police wax. All medule	to Bay ch it was ved by ance sch	abric. The iter 10 North or B removed and being cleane nedules given ted and degre external surfactalline wax. A d coated with a parts of electri	ay 2 Sout conserved d, service below. ased using ces are to All operating an appropric motors a	a high degree of struct a high degree of struct a and fastened to a d and maintained a g appropriate methods be treated with an app g surfaces exhibiting a iate sealant such as S	bed close to the according to the propriate sealant a normally bright Shell ENSIS fluid revent ingress of

1996

Item Name: The Hydraulic Accumulator	Item No. 193
Name Plate: N/A	
Associated Items:	
Individual	
Assemblage	
Collection	
System Hydraulic 49, 52, 144, 152-154, 158, 184-187,	193, 194, 213
Operational Groups	
Description: The hydraulic accumulator is in fact a cylinder about 1.5	metres in diameter and
some 4.5 metres high which is filled with iron scrap and in some cases s	sandstone. It is believed
that both of these accumulators were filled with scrap iron. The accumu	
gives an artificial head to the water in the hydraulic system. The inlet and	
pipe which enters the ram at the base. The accumulator is fitted with g	uide rails which have top
and bottom, cutout and activating switches.	
History: The age of the accumulator is unknown although it would ap	pear that both have had
some of their fabric re-used.	12 Couth 45 TWI1
Function and Operation: The accumulator is free to Location: Ba move up and down the guides. As water is pumped in it	y 3 South 15 West
moves up. Water or fluid is used by the machines which	
are powered by Hydraulic fluid the accumulator rides	
down. There are switch mechanisms at both the top of	
the allowable rise and the bottom which activates and	
deactivates the pumps.	
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Photo: FILM No. Photographed and inspected	December 1995
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B. C. L. C. C. C. C. C. C. C. C. C. C. C. C. C.	
The second secon	- C
	illusion .
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ondition:	Item Name: Hydraulic Accumulator							
ondition.								
general, the item appears to be in operable con ne item is cleaned, serviced and tested. The ext ast and bare metal.								
·								
ignificance Matrix Historical Aesthetic Social Technology/ Research	State His	storical Themes: Moveable Item	Industrial Relic					
Potential are ⊠ ⊠ □ ⊠	Themes	☐ 13 Transport						
		☐ 15 Utilities						
epres-		☐ 16 Industry						
ntative 🖾 🔲 🖾		☐ 18 Technology··	••••					
		20 Government Adm	inistration					
ne item is to be retained in its present location a hich it belongs. The item is to be reconnected em is to be preserved by being cleaned, service and maintenance schedules given below.	to its power	er source and made o	perational. The					
policy Implementation: The machine is to be parings and glands repacked, all internal bare event rust. All pipes are to be disconnected, clay then be reconnected. A heavily rusted surfaction or similar abrasive or steel brushing and finally coated with an appropriate sealant suitable roof must be erected above the accumulation.	metal surfa eaned, dried ce should b Remnant r uch as She	aces are to be dried d and treated with rust e cleaned with abrasiv rust should be treated ell ENSIS fluid or poly	and greased to inhibitor. The re blasting using with an inhibito					
aintenance Schedule			 					
spect all external surfaces for rust every 12 more implementation section	nths. Where	e necessary, coat as r	ecommended in					
ery 5 years internal surfaces should be inspected attending to the suitably by being removed and coated with			product must be					
÷								

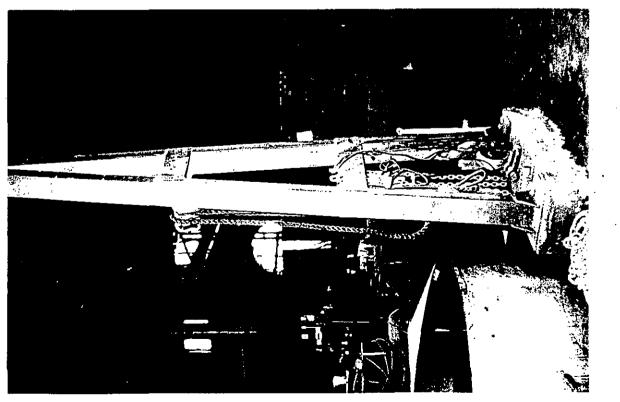
EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION-1996_ Item Name: Hydraulic Accumulator Item No. 194 Name Plate: Associated Items: Individual Assemblage Collection Hydraulic 49, 52, 144, 152-154, 158, 184-187, 193, 194, 213 M System Operational Groups Description: The hydraulic accumulator is in fact a cylinder about 1.5 metres in diameter and some 4.5 metres high which is filled with iron scrap and in some cases sandstone. It is believed that both of these accumulators were filled with scrap iron. The accumulator, through its weight, gives an artificial head to the water in the hydraulic system. The inlet and outlet is through a single pipe which enters the ram at the base. The accumulator is fitted with guide rails which have top and bottom, cutout and activating switches. History: The age of the accumulator is unknown although it would appear that both have had some of their fabric re-used. Function and Operation: The accumulator is free to Location: Bay 3 South move up and down the guides. As water is pumped in it moves up. Water or fluid is used by the machines which are powered by Hydraulic fluid the accumulator rides down. There are switch mechanisms at both the top of the allowable rise and the bottom which activates and deactivates the pumps. Photo: FILM No. Photographed and inspected December 1995

1996___

Item Name: Hydraulic Accumulator							Item No. 194
Conditi	on:				· · · · · · · · · · · · · · · · · · ·		· ·
the item	ral, the ite i is cleane I bare me	ed, service	s to be in d and tes	operable cond ted. The exte	dition provi rnal surfac	ding power sources e of the item has pa	are connected and atches of superficial
Signific	ance Ma	trix	<u> </u>		State His	storical Themes:	
»igiiii.	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial Relic
Rare	M		Ġ	Potential 🖾	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	XI.	۵		Ø		☐ 16 Industry ☐ 18 Technology ☐ 20 Government A	dministration
onser	vation Po	olicy:	<u></u>	ral integrity.	d be prese	erved as part of the	hydraulic system to
/hich it em is t	belongs. o be pres	The item	is to be eing clea	reconnected ned, serviced	to its powe		e operational. The
earings revent nay the limest and fina	rust. All n be reco one or sir illy coated	nds repac pipes are t nnected. A nilar abras d with an	ked, all i o be disc A heavily ive or ste appropria	nternal bare i onnected, cle rusted surfac el brushing.	metal surf aned, drie e should b Remnant r ch as She	all cylinders clea aces are to be dried d and treated with re e cleaned with abra rust should be treated all ENSIS fluid or p	ed and greased to rust inhibitor. They asive blasting using ed with an inhibitor
lainter	ance Sci	nedule					
		al surfaces n section		every 12 mont	hs. Wher	e necessary, coat a	s recommended in
						Any rust or oxidation and sealant	on product must be
nterpre	tation:						
]
							.]

1996

item Name. Jib	-Crane		Item No. 19
Name Plate: N/	A		·
Associated Item	าร:		·
Individual		•	
Assemblage		•	
Collection		Jib Cranes 30, 45, 46, 50, 55, 58, 76	77, 80, 84, 183, 195
System			- ex ⁷ *
Operational Grou	ups 🗆		•
Description: Th	nis small J	o-Crane was used as part of the sprin	heat treating process.
			•
History: Its histo	ory is unki	own but it is believed to be of relative	y modern origin.
			ation: Bay 3 South 11 East
and a small elect	trically blo	k and tackle hoist was used to	1
aise and lower th	he equipm	ent.	
			7
			8 9
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		1	
		i e	13
			4A 4 3 2 1



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				-			<i>A</i>	1996
VELEIG	SH LOC	OMOTIVE	WORK	SHOPS MAG	CHINERY	CONSERVATIO) <u> </u>	Item No. 195
ltem Naı	me: Jib (Crane		· . · · ·			_	
Conditio	on:		•.				_	
The item	is in god	d structur	al repair :	and has no ob	vious sign:	s of rust.		· .
							_ ⊏	Industrial Relic
	ance Mat Historical	Aesthetic	Social	Technology/		storical Themes:		4
	D			Research Potential	Category Themes	☐ Moveable Item ☐ 13 Transport	,	•
Rare Repres-	. 🖪	=	_	· u	THEMES	☐ 15 Utilities☐ 16 Industry	۱dm	inistration
entative	×					☐ 18 Technology ☐ 20 Government of the Eveleigh Loc	<i>r</i> al	part of the forge
Conserv	ation Po	licy:					ge	assemblage and
		nined in its which it b	-	location and b	e preserve	ed as part of the fo	r 	· · · · · · · · · · · · · · · · · · ·
Policy In	nplemen	tation:	<u> </u>					s. All superficial
All exterr ust is to	nal surfac be remo	ces are to ved or trea	ated. All	_	-	g appropriate meth be treated with an	1	oropriate sealant
							ena	ir as necessary.
<i>l</i> laintena	ance Sch	edule		•			·	
nspect fo	or physica	al damage	and dete	erioration ever	y 12 month	ns and implement r	eco	mmended in the
	ll externa ntation se		for rust e	every 5 years.	Where ne	ecessary, treat as r	•	
					·			
nterpret	ation:	<u></u>					ı	

H: (02) 319 4811

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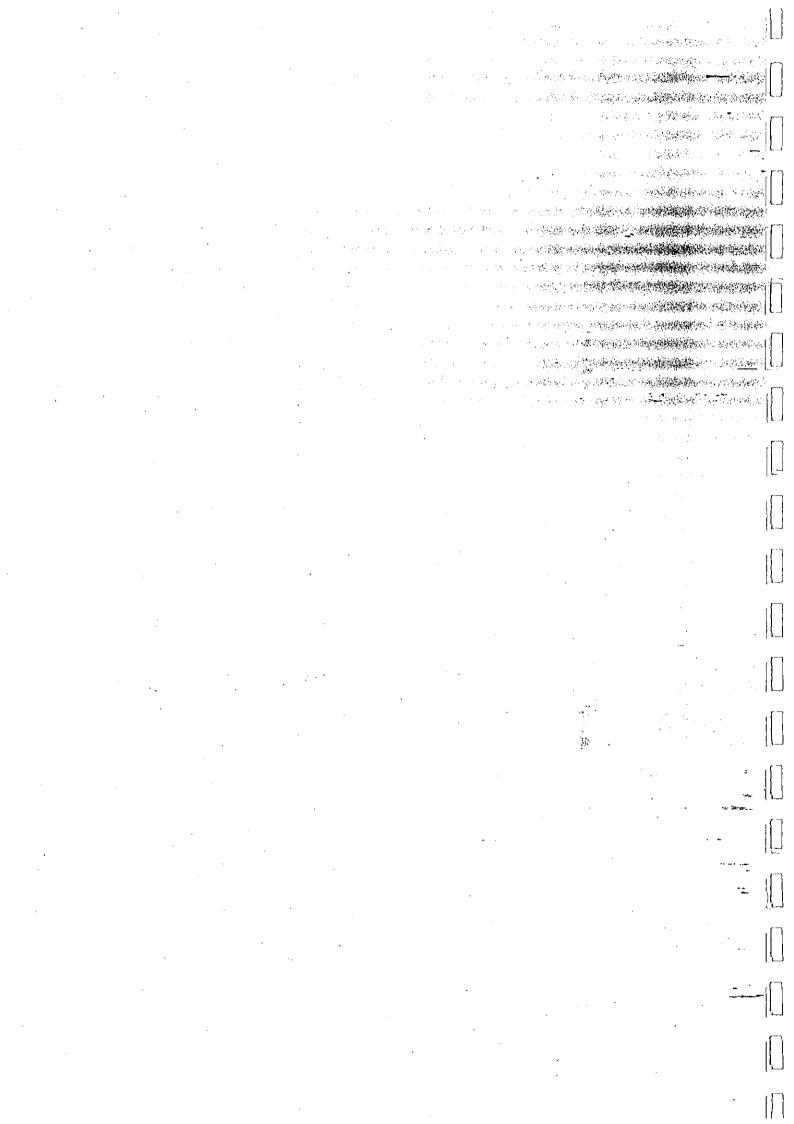
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BAY 4 NORTH



Item Name: Sp	oring Coilir	ng Machine	Item No. 149
Name Plate:			
Associated	Items:		
Individual			
Assemblage			
Collection		•	
System		•	
Operational Gro	oups ☑	Spring Shop 123-125, 149-157, 159, 161	· · ·

Description: The Spring Coiling Machine is adapted from the machine lathe. Because of the size of the springs being produced at the workshops the lathes are of exceptionally heavy quality. This one by John Lang and Co. is of the Johnston Patent type and is set with a series of exceptionally heavy gearings both for the drive and back gears. The chuck is fitted with a morse taper and wedge holes which hold the various sizes of mandrels. The stock was fed onto the lathe via a specially formed set of tool rests. These lathes were manufactured for making compression springs rather than tension springs. As with all the spring manufacturing the coiler has automatic drive.

History: This spring coiling machine was manufactured before World War I and was originally installed in the Spring Shop which was located near Bay 1 and the Loco Shop. It was moved to its present location when the Spring Shop was moved back into the main workshops building. Apart from the Wheel Shop, the Spring Shop was the most specialised of all of the shops in the workshops. The springing of locomotives and rolling stock was essential for the operation of the railways.

Function and Operation: These Spring Coiling Machines were originally constructed to be powered via belts from overhead line shafts. More recently they have been fitted with their own small, standalone electric motor. Power is transmitted from the driven wheel to the lathes gearing via a short fabric, timber studded backing belt. Stock was fed via the special tool holder which was located on the opposite side of the tool rest to the operator. Once coiled, the lathes were sent to have their seats ground in special coiling material. They were then hardened and tempered.

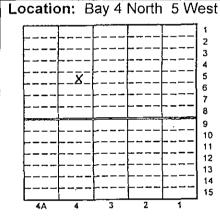
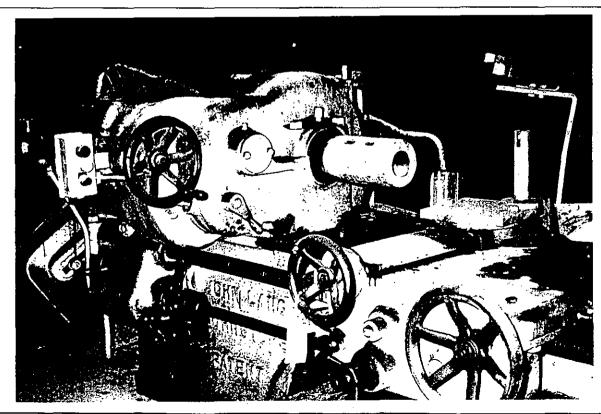


Photo: FILM No. 95-169-5-14 Photographed and inspected December 1995



	me: Spr	ing Coiling	Machine	10"	,		Item No. 149
Conditio	on:						
_	ance Ma Historical	trix Aesthetic	Social	Technology/	1	storical Themes:	☐ Industrial Relic
	_			Research Potential	Category		industrial Renc
Rare	. 🗖				Themes	☐ 13 Transport ☐ 15 Utilities	
Repres-		_		<u></u>		☐ 16 Industry	
entative					f 	☐ 18 Technology	
		•		:		20 Government A	Administration
				item exhibits perational grou		gree of structural in	tegrity. The item is
Conserv	ation Po	olicy:					
		etained in to which i			and be pr	eserved as part o	f the Spring Shop
		•	-	being cleane redules given		d and maintained	according to the
Policy In	nplemen	tation:					
ust is to	be remo	ved or trea	ated. All				ods. All superficial appropriate sealant
• •				d be inspecte d coated with		•	on product must be
All movin	g parts o	of electric n	notors are	e to be covere	d to prevei	nt ingress of dust.	
Conserve	e. May re	eposition in	n same ba	ay.			
Mainten	ance Scl	nedule					
•		nal surfact the implem		_	months.	Where necessary	, surface treat as
		•					
nterpret	ation:		,			<u> </u>	
nterpret	ation:		•			·	
nterpret	ation:						

1996____

Item Name: Spr	ring Coilir	g Machine	Item No. 150
Name Plate:			
Associated	Items:		
Individual			
Assemblage			•
Collection			
System	\Box_{\prime}		
Operational Grou	ıps 🗹	Spring Shop 123-125, 149-157, 159, 161	

Description: The Spring Coiling Machine is adapted from the machine lathe. Because of the size of the springs being produced at the workshops the lathes are of exceptionally heavy quality. This one by John Lang and Co. is of the Johnston Patent type and is set with a series of exceptionally heavy gearings both for the drive and back gears. The chuck is fitted with a morse taper and wedge holes which hold the various sizes of mandrels. The stock was fed onto the lathe via a specially formed fuse of tool rests. These lathes were manufactured for making compression springs rather than tension springs. As with all the spring manufacturing the lathe has automatic drive.

History: This spring coiling machine was manufactured before World War I and was originally installed in the Spring Shop which was located near Bay 1 and the Loco Shop. It was moved to its present location when the Spring Shop was moved back into the main workshops building. Apart from the Wheel Shop, the Spring Shop was the most specialised of all of the shops in the workshops. The springing of locomotives and rolling stock was essential for the operation of the railways.

Function and Operation: These Spring Coiling Machines were originally constructed to be powered via belts from overhead line shafts. More recently they have been fitted with their own small, standalone electric motor. Power is transmitted from the driven wheel to the lathes gearing via a short fabric, timber studded backing belt. Stock were fed via the special tool holder which was located on the opposite side of the tool rest to the operator. Once coiled the lathes were sent to have their seats ground in special coiling material. They were then hardened and tempered.

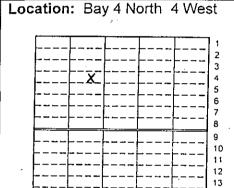
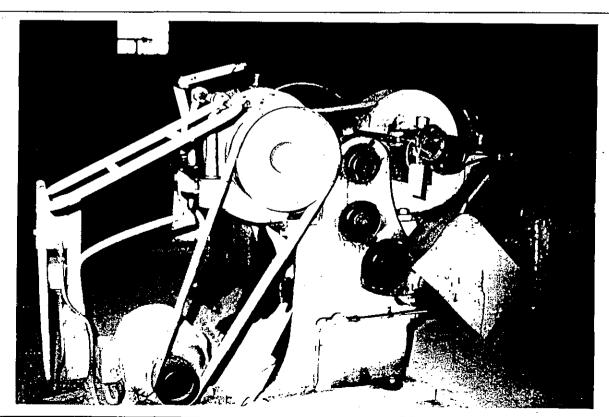


Photo: FILM No. 95-169-5-15 Photographed and inspected December 1995



1996--

Repres- Intative	Conditio		_	Machine				Item No. 150
Historical Aesthetic Social Technology/ Research Potential tare	,onanie	on:						:
Research Potential Themes 13 Transport 15 Utilities 16 Industrial Relic Potential 16 Industry 18 Technology 18 Technology 20 Government Administration 18 Technology 20 Government Administration 20 Industry 20 Government Administration 20 Industry 20 Government Administration 20 Industry 20 Government Administration 20 Industry 20 Government Administration 20 Industry 20 Government Administration 20 Industry 20 Government Administration 20 Industry 20 Government Administration 20 Industrial	Significa	ance Matr	ix			State His	storical Themes:	· · · · · · · · · · · · · · · · · · ·
Representative	. –	Historical	Aesthetic	Social	Research	Category	☐ Moveable Item	☐ findustrial Relic
lateres- Intative	lare					Themes		
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops leing associated with their operation for over 30 years. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. The item is in integral part of the Spring Shop operational group. Conservation Policy: The item is to retained in its present location and be preserved as part of the Spring Shop perational group to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the inplementation and maintenance schedules given below. Tolicy Implementation: If external surfaces are to be cleaned and degreased using appropriate methods. All superficial ust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant und as Shell ENSIS fluid or polycrystalline wax. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be eated suitably by being removed and coated with an inhibitor and sealant. All moving parts of electric motors are to be covered to prevent ingress of dust. Conserve. May reposition in same ay. Islantenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Repres- ntative			۵			☐ 16 Industry ☐ 18 Technology	Administration
olicy Implementation: Il external surfaces are to be cleaned and degreased using appropriate methods. All superficial ist is to be removed or treated. All external surfaces are to be treated with an appropriate sealant uch as Shell ENSIS fluid or polycrystalline wax. In external surfaces should be inspected for rust. Any rust or oxidation product must be eated suitably by being removed and coated with an inhibitor and sealant. All moving parts of ectric motors are to be covered to prevent ingress of dust. Conserve. May reposition in same asy. In external surfaces for rust every 12 months. Where necessary, coat as recommended in e implementation section.	onservine item	ration Polinis to retend group to	icy: tained in o which it e preserv	its pres belongs	ent location a	and be pr	•	
ust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant uch as Shell ENSIS fluid or polycrystalline wax. Very 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be eated suitably by being removed and coated with an inhibitor and sealant. All moving parts of ectric motors are to be covered to prevent ingress of dust. Conserve. May reposition in same ay. Isintenance Schedule Isspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.				,				
eated suitably by being removed and coated with an inhibitor and sealant. All moving parts of lectric motors are to be covered to prevent ingress of dust. Conserve. May reposition in same ay. Iaintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	<u>.</u>	•		he clean	ed and degre	ased using	a appropriate meth	nods All superficial
nspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	All externust is to	nal surface be remove	es are to ed or trea	ted. All	external surfa	-		
ne implementation section.	All externust is to such as Severy 5 yeared s	nal surface be remove Shell ENSI years inters uitably by	es are to ed or trea IS fluid or nal surfac being rer	ted. All polycrys es shou noved a	external surfa talline wax. Id be inspecte ind coated wit	ces are to d for rust. th an inhib	be treated with an Any rust or oxidati itor and sealant.	appropriate sealant ion product must be All moving parts of
nterpretation:	All externust is to such as Severy 5 yereated selectric may.	nal surface be remove Shell ENSI years inter uitably by notors are	es are to ed or trea IS fluid or nal surfac being rer to be co	ted. All polycrys es shou noved a	external surfa talline wax. Id be inspecte ind coated wit	ces are to d for rust. th an inhib	be treated with an Any rust or oxidati itor and sealant.	appropriate sealant ion product must be All moving parts of
nterpretation:	All externust is to uch as Severy 5 yeated selectric may.	nal surface be remove Shell ENSI years inter- uitably by notors are ance Sche	es are to ed or trea S fluid or nal surfac being rer to be cor edule surfaces	ted. All polycrys es shou moved a vered to	external surfa talline wax. Id be inspecte ind coated with prevent ingre	ces are to d for rust. th an inhib ess of dust	be treated with an Any rust or oxidati itor and sealant. Conserve. May	appropriate sealant ion product must be All moving parts of reposition in same
	all externust is to uch as Sivery 5 yeated sectric may.	nal surface be remove Shell ENSI years inter- uitably by notors are ance Sche	es are to ed or trea S fluid or nal surfac being rer to be cor edule surfaces	ted. All polycrys es shou moved a vered to	external surfa talline wax. Id be inspecte ind coated with prevent ingre	ces are to d for rust. th an inhib ess of dust	be treated with an Any rust or oxidati itor and sealant. Conserve. May	appropriate sealant ion product must be All moving parts of reposition in same
	all externust is to uch as Sivery 5 yeated sectric may. Maintenante imple	nal surface be remove Shell ENSI years inter- uitably by notors are ance Sche all external mentation	es are to ed or trea S fluid or nal surfac being rer to be cor edule surfaces	ted. All polycrys es shou moved a vered to	external surfa talline wax. Id be inspecte ind coated with prevent ingre	ces are to d for rust. th an inhib ess of dust	be treated with an Any rust or oxidati itor and sealant. Conserve. May	appropriate sealant ion product must be All moving parts of reposition in same
	all externust is to uch as Severy 5 yeated selectric may. Maintenante implementations	nal surface be remove Shell ENSI years inter- uitably by notors are ance Sche all external mentation	es are to ed or trea S fluid or nal surfac being rer to be cor edule surfaces	ted. All polycrys es shou moved a vered to	external surfa talline wax. Id be inspecte ind coated with prevent ingre	ces are to d for rust. th an inhib ess of dust	be treated with an Any rust or oxidati itor and sealant. Conserve. May	appropriate sealant ion product must be All moving parts of reposition in same

1996_

Item Name: The	Quenchi	ing Tank	<u> </u>		,	Item No. 151
Name Plate:			· · · · · · · · · · · · · · · · · · ·			
Associated	Items:					
Individual						•
Assemblage						
Collection					•	
System						
Operational Group	os ☑	Spring Shop	123-125, 149-	157, 159, 161		

Description: The Quenching Tank was used for quench hardening or for tempering of springs. Springs were normally loaded into a small steel tray and dropped into the quenching bath via a counterweighted cable. This Quenching Tank which measures about 1.3 metres long, 500 metres wide and is about 900mm deep. It is sunk into the floor of the spring shop and is located close to the Ryerston Spring Forming Machines.

History: The history of the item is unknown.

Function and Operation: Once formed and the seats ground the coil springs were heated in a special heating chamber and then quenched to harden and then tempered.

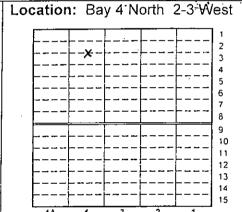
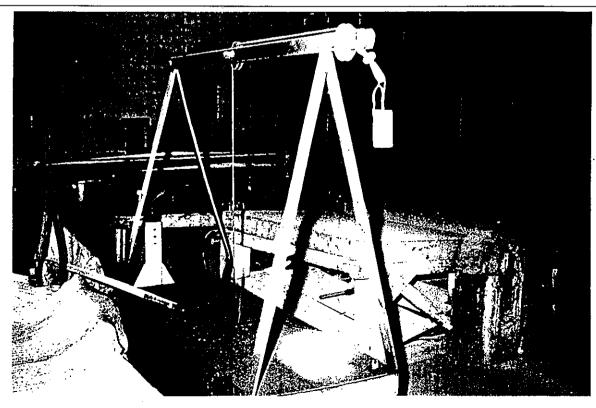


Photo: FILM No. 95-169-5-16 Photographed and inspected December 1995

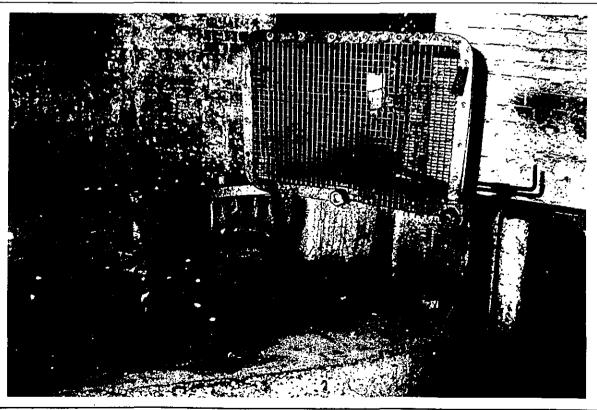


EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996-Item No. 151 Item Name: Quenching Tank Condition: The item is in good/excellent operating condition. State Historical Themes: Significance Matrix Historical Aesthetic Technology/ Social ☐ Industrial Relic Research Category ☐ Moveable Item Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry entative × X ☐ 18 Technology 20 Government Administration Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 20 years. The item is an integral part of the Spring Shop operational group. **Conservation Policy:** The item is to be retained in its present location and be preservation as part of the Spring Shop assemblage operational group to which it belongs. **Policy Implementation:** All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Oil may be drained. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.

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Interpretation:

VELEIGH LUCUN					96
Item Name: The Cr	raven	Brothers Spring Dissembler		Item No.	152
Name Plate:			,		 -
Associated Ite	ems:				
Individual					
Assemblage					
Collection					
System	\square	Hydraulic 49, 52, 144, 152-154		213	
Operational Groups	\square	Spring Shop 123-125, 149-157	, 159, 161	~**	
Description: This ideas disassembling of the		ve, cast-iron item was made for rs.	pressing springs to allow	w a strippii	ng or
		nstalled in the original Spring Si as relocated from its former pos	· ·		
Function and Oper	ation	: Springs were loaded into the	Location: Bay 4 North	1 East	
aws of the item and	hydra	aulic power was used to remove			
the collars of seats fr	rom th	e springs.		1 2	
			[3	
				5	
			│ ┣╼╼╬╼╼╠ ╼ ╼┼╌╌┆	6 7	
				8	
	•			10	
				11	
				13	
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		•	4A 4 3 2	1	
		•			
Photo: FILM	Na O	5-169-5-17 Photographed	and inspected Decemb	- 4005	



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item Name: Craven Bros. Spring Disassembler Item No. 152 Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. The painted surface of the item is deteriorating. Significance Matrix State Historical Themes: Historical Aesthetic Social. Technology/ ☐ Industrial Relic Research Potential Themes ☐ 13 Transport × x × Rare ☐ 15 Utilities Repres-☐ 16 Industry entative × × □ 18 Technology ☐ 20 Government Administration Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 100 years. The item is an integral part of the hydraulic system. The item represents former manufacturing technologies now rarely evident in operating workshops. The item has research and education potential for developing an understanding of early engineering practice. The item will yield information on the nature of past work practices. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. **Conservation Policy:** The item is to be retained in its present location and be preserved as part of the hydraulic system to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.

Policy Implementation:

The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, all internal bare metal surfaces are to be dried and greased to prevent rust. All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. Conserve in situ

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product must be treated suitably by being removed and coated with an inhibitor and sealant.

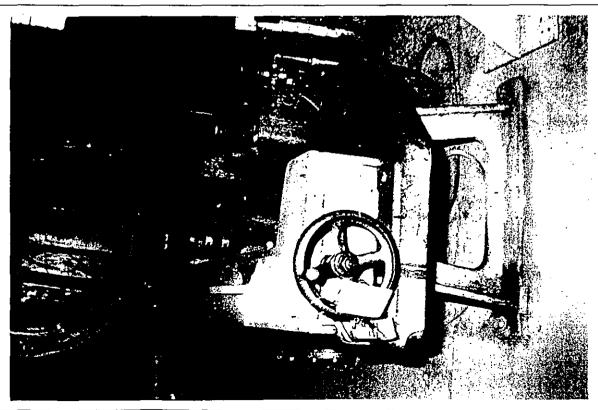
Interpretation:

1996

EVELEIGH LOCUMOTIVE WORKSHOPS MACHINERY CONSERVATION	JN 1996
Item Name: The Ryerson Spring Forming Machine	Item No. 153
Name Plate:	
Associated Items:	
Individual	
Assemblage	
Collection	
System	87, 193, 194, 213
Operational Groups 🔟 Spring Shop 123-125, 149-157, 159, 161	
Description: This heavy, cast-iron framed spring bending machine is used for	forming leaf springs.
The appropriately curved dolly or mandrel is fixed to the moving front of the m	
steel spring lead is placed against it and the spring is then forced against a fle	xible steel chain belt.
The spring then takes the shape of the dolly.	
History: The Ryerson Spring Forming Machines were manufactured prior to V	
formerly located in the Spring Shop which was established between Bay 1 a	and the New Engine
Shop. They were moved to this position probably in 1972.	Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Sa Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Salah Sa
Function and Operation: The Ryerson Spring Forming Location: Bay 4	North 2 West
Machines were the principle methods of forming leaf	1
springs from hot stock. The stock was simply placed	$- \left \right ^2$
between the dolly and the steel mesh and forced against it	
through hydraulic pressure. The formed lead springs	
were then heat treated.	7 8
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Photo: FILM No. 95-169-5-18

Photographed and inspected December 1995



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1996

Conditio	on:		'						
								,	
		•						•	
Significa	ance Mat	rix		<u></u>	State Hi	storical Themes	 3:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Iter	m 🗆	Thdustrial R	elic
Rare	X	×		× Cooling	Themes				
Repres-						15 Utilities			
entative	X			×		☐ 16 Industry			
nitati¥6	12.0			<u></u>		18 Technolog	•		
						20 Governme	nt Admii	nistration	
	al part of	· · · · · · · · · · · · · · · · · · ·	Shop op	perational gro	up.	·			
			•	ent location	and be p	icacived as pai		c opining .	опор
operation The iten	nal group n is to l	to which it be preser	belongs. ved by		d, service	ed and maintair			
peration The iten mplemen	nal group n is to l	to which it be presernd mainten	belongs. ved by	being cleane	d, service	·			
peration the item plement in the machine the checker in the checke	n is to Intation are mplement to bare metalanced and	to which it be presented maintented tation: be stripped surfaces degreased all surfaces	belongs. ved by ance sch d, all cyli are to be ed using	being cleane nedules given inders cleaned e dried and g appropriate n	d, service below. d and dried reased to nethods.	·	ned ac	ds repacke al surfaces be remove	d, all
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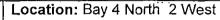
1996

Item Name: The	Ryersor	Spring Forming Machine Item No.	154
Name Plate:			
Associated	Items:		
Individua!		•	
Assemblage			
Collection			
System	7	Hydraulic 49, 52, 144, 152-154, 158, 184-187, 193, 194, 213	
Operational Group	s ☑	Spring Shop 123-125, 149-157, 159, 161	
Description: Th	is heav	y, cast-iron framed spring bending machine is used for forming	lead
springs. The appr	opriately	curved dolly or mandrel is fixed to the moving front of the machine.	The
red hot steel sprin	ng lead	is placed against it and the spring is then forced against a flexible s	steel

lead belt. The spring then takes the shape of the dolly.

History: The Ryerson Spring Forming Machines were manufactured prior to World War I and were formerly located in the Spring Shop which was established between Bay 1 and the New Engine Shop. They were moved to this position probably in 1972.

Function and Operation: The Ryerson Spring Forming Machines were the principle methods of forming leaf springs from hot stock. The stock was simply placed between the dolly and the steel mesh and forced against it through hydraulic pressure. The formed lead springs were then heat treated.



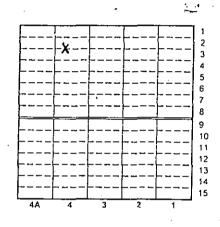
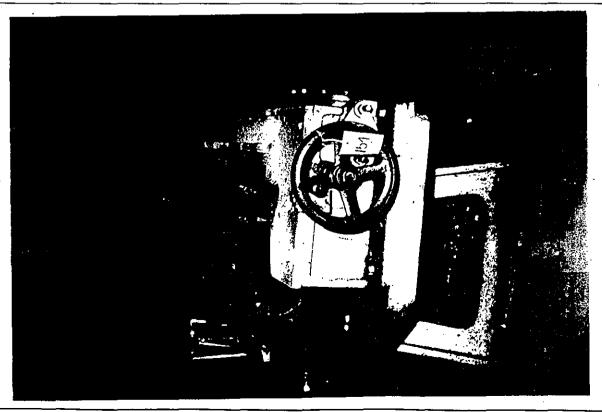


Photo: FILM No. 95-169-5-19

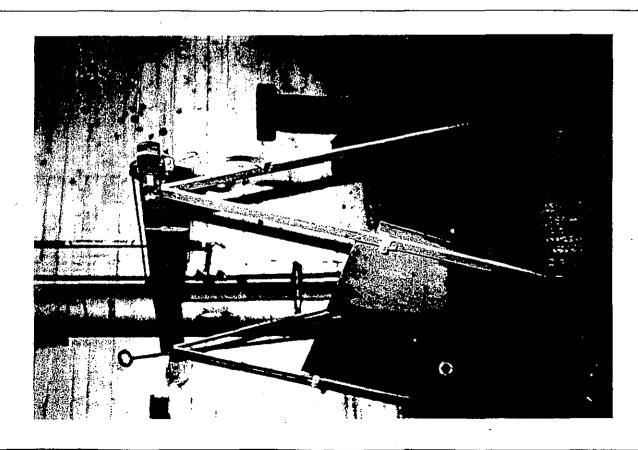
Photographed and inspected December 1995



Significance Matrix		Item No.	·		g Machine	ng Formin	rson Sprir	me: Rye	ltem Na
Historical Aesthetic Social Technology/ Research Potential Rare				·				on:	Conditi
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Historical Aesthetic Social Technology/ Research Potential Rare									
Research Potential Rare		-	storical Themes:	State His					Signific
Representative	al Relic	☐ Industrial R	☐ Moveable Item ☐	Category	Research	Social	Aesthetic	Historical	
Representative		•		Themes	· 🗵		X	×	Rare
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Work being associated with their operation for over 60 years. The item and its operation is enterpret from its existing fabric. The item exhibits a high degree of structural integrity. The an integral part of the Spring Shop operational group. Conservation Policy: The item is to retained in its present location and be preserved as part of the Pedding assemblage, shears collection and Spring Shop operational group to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according implementation and maintenance schedules given below. Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repack internal bare metal surfaces are to be dried and greased to prevent rust. All external surfaces are to be cleaned and degreased using appropriate methods. All supputs tis to be removed or treated. All external surfaces are to be treated with an appropriate such as Shell ENSIS fluid or polycrystalline wax. All moving parts of electric motors are to be covered to prevent ingress of dust. Conserve in sufficiency is a surface of the preventation section. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product methods.									Renres.
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Work being associated with their operation for over 60 years. The item and its operation is enterpret from its existing fabric. The item exhibits a high degree of structural integrity. The an integral part of the Spring Shop operational group. Conservation Policy: The item is to retained in its present location and be preserved as part of the Pedding assemblage, shears collection and Spring Shop operational group to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according implementation and maintenance schedules given below. Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repack internal bare metal surfaces are to be dried and greased to prevent rust. All external surfaces are to be cleaned and degreased using appropriate methods. All supprust is to be removed or treated. All external surfaces are to be treated with an appropriate such as Shell ENSIS fluid or polycrystalline wax. All moving parts of electric motors are to be covered to prevent ingress of dust. Conserve in sufficiency is sufficient and surfaces for rust every 12 months. Where necessary, coat as recomments implementation section. Every 5 years internal surfaces should be inspected for rust. Any rust or oxidation product methods.			•		ছে			 	•
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1996---

Item Name: The Quenching Tank	Item No. 155
Name Plate:	
Associated Items:	
Individual	
Assemblage \(\square\)	
Collection	
System	150 161
Operational Groups ☑ Spring Shop 123-125, 149-157, 1	159, 161
Description: The Quenching Tank was used for quench springs. Springs were normally loaded into a small steel travia a counterweighted cable. This Quenching Tank which metres wide and is about 900mm deep. It is sunk into the close to the Ryerston Spring Forming Machines. History: The history of the item is unknown. Function and Operation: Once formed and the seats ground the coil springs were heated in a special heating chamber and then quenched to harden and then tempered.	y and dropped into the quenching bath measures about 1.3 metres long, 500
Photo: FILM No. 95-169-5-20 Photographed a	and inspected December 1995

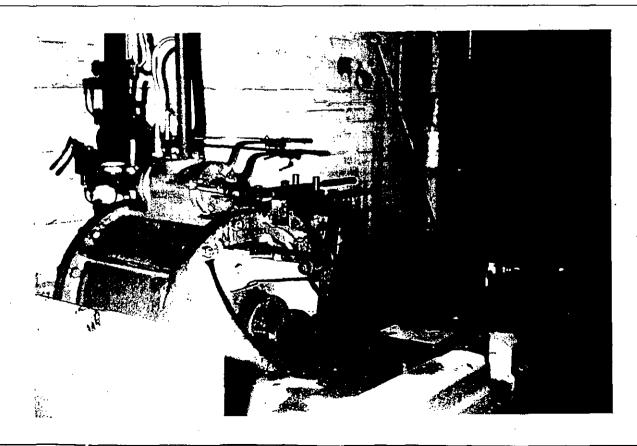


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Conditio	n:	<u>.</u>								
The item	is in good	d/excellen	t operati	ng condition.						
			•	Ü						
Significa	ance Mat	 rix			State His	storical Theme	s:			·
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Ite	em C	indust	rial Re	elic
Rare					Themes	☐ 13 Transport☐ 15 Utilities	İ			
Repres-						15 Utilities 16 Industry				
entative						18 Technolo	gy			
			÷		,	20 Governme	ent Adr	ninistrat	ion	
Stateme	nt of Sigi	nificance					-			
						Vorkshops bein				their
operation	for over	20 years.	The iten	n is an integra	I part of the	e Spring Shop o	operati	ional gr	oup.	
				•						
						r				•
Conserva	<i>(</i> * (* (*) (*)									
	ation Pol	icy:				•				
The item		_	n its pre	sent location	and be pre	eservation as p	art of	the Sp	ring S	Shop
	is to be	retained i	• .	sent location ch it belongs.	and be pre	eservation as p	art of	the Sp	ring S	Shop
	is to be	retained i	• .	a contract of the contract of	and be pre	eservation as p	art of	the Sp	ring S	Shop
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assembla	is to be	retained i tional gro	• .	a contract of the contract of	and be pro	eservation as p	part of	the Sp	ring S	Shop
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1996-

	i		56
Name Plate:			
Associated Items: Individual Assemblage			
Collection	-154, 158, 184-187, 1 159, 161	93, 194, 2	:13
Description: This small press has been adapted by the w testing machine. It consists of a massive, cast-iron holdin cylinder and ram.		,	_
History: The history of the item is unknown but it was considerable age in its construction. It was probably first ere and the New Engine Shop before World War I.			
Function and Operation: The machine was used for testing springs. The leafs were placed on the machine bed, fastened into place on a sliding bracket and pressed to a testified test pressure. If the spring recovered without deformity it was passed for use on locomotive carriages.	Location: Bay 4 North 3	3-4 West	
	4A 4 3 2	10 11 12 13 14 15	



1996___

Item	Name: Hyd	Iraulic Pres	ss & Sprir	ng Tester			Item No. 156	
Cond	lition:					<u></u>		
the ite	em is cleane	d, service	d and tes		rnal surfac	ding power sources are e of the item has patch iorating.		
Signi	ficance Ma	trix			State His	storical Themes:	un .	
	"Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic	
Rare	· ×	X		×	Themes	☐ 13 Transport☐ 15 Utilities		
Repres		,	_	_		☐ 16 Industry		
entativ	re 🗵	ш		X		☐ 18 Technology		
		* .		. •		20 Government Admi	nistration	
State	ment of Sig	nificance			-		No. 18 Control of the	
opera repres has re The it	tion for ove sents former esearch and em will yield	er 100 year manufact education d informati	ers. The uring tech potential on on the	item is an in anologies now for developin anature of pa	ntegral pai rarely evid g an undel ist work pr	Vorkshops being assort of the hydraulic sysdent in operating works rstanding of early enginactices. The item and high degree of structura	tem. The item shops. The item neering practice. its operation is	
Cons	ervation Po	licy:	•		- ,			
which	it belongs.	The item i	s to be pi		eing clean	rved as part of the hyd ed, serviced and maint w.		
Policy	/ Implemen	tation:	<u> </u>			· · · · · · · · · · · · · · · · · · ·		
internato be treate fluid o	The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, all internal bare metal surfaces are to be dried and greased to prevent rust. All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All pipes are to be disconnected, cleaned, dried and treated with rust inhibitor. They may then be reconnected. Conserve in situ.							
Maint	enance Sch	redule						
the im	plementatio dation produ	n section.	Every 5	years internal	surfaces	e necessary, coat as re should be inspected fo oved and coated with a	r rust. Any rust -	
Interp	retation:							
		•					1	
	•						· [

1996---

Item Name: The	em Name: The Department Double Floor Grinder					
Name Plate:						
Associated	Items:		· <u>·</u>			
Individual						
Assemblage						
Collection -	\square	Frazing Wheels 33, 78, 82, 83, 92	,			
System						
Operational Grou	ps ☑	Spring Shop 123-125, 149-157, 159, 161	<u> </u>			

Description: This machine consists of a cast-iron frame which holds a spindle, the ends of which support large (450mm grinding wheels). A single stand-alone motor has been attached to the back of the frame and this is direct coupled by V-belt to a pulley located in the centre of the main shaft. The main shaft is supported on two bearings, the blocks of which have been cast into the main frame. Two very heavy flat tool rests are attached with nut and bolt to the slots in cast brackets on the front of the machine.

History: The history of the item is unknown but it was made in the workshops possibly before the First World War and was possibly located in the original Spring Shop.

Function and Operation: The Double Floor Grinder was | Location: Bay 4 North 3 West used for general cleaning of cut stock and for taking off rough edges from spring collars.

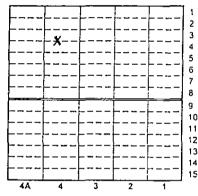
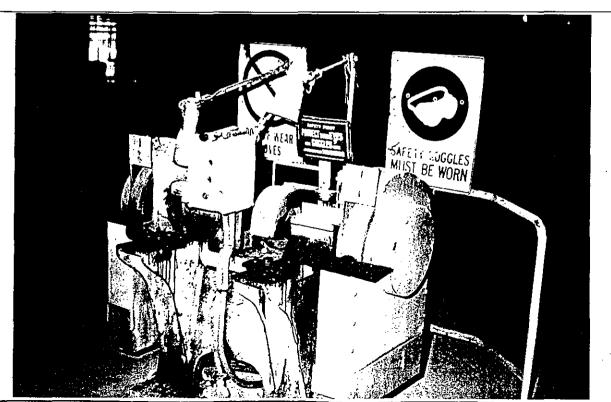


Photo:

FILM No. 95-169-5-22

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996-

Item Na	me: Dep	artment D	ouble Flo	or Grinder			item No. 157]
_	al, the ite	m appeared, service		•	dition provi	ding power sources ar	re connected and	
The exte	ernal surf	ace of the	item has p	patches of su	perficial ru	st and bare metal.		
The pair	nted surfa	ice of the i	tem is det	eriorating.		· · · · · · · · · · · · · · · · · · ·		
Signific	ance Ma				State His	storical Themes:		-
	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Relic	
Rare	×	X	Ċ	×	Themes	☐ 13 Transport ☐ 15 Utilities		
Repres-]	15 Utilities 16 Industry	• • • •	
entative	×			×		☐ 18 Technology ☐ 20 Government Adm	inistration	
being as	ssociated assembl	with their age. The	operation item evid	for over 60 the vertices the vertices the vertices.	years. The	of the Eveleigh Locomore item is an integral point the the tural integrity.	art of the steam	
Conserv	ation Po	licy:					<u></u>	
		tained in i	•		d be prese	erved as part of the S	Spring Shop and	
		•	•	peing cleane edules given		d and maintained a	ccording to the	
Policy Ir	nplemen	tation:						
rust is to	be remo	ved or trea	ated. All e	-		g appropriate methods be treated with an app		
abrasive	or steel l priate se	orushing.	Remnant	rust should b	e treated v	blasting using a lime vith an inhibitor and fir alline wax. Conserve.	nally coated with	
Mainten	ance Sch	redule		·				
		al surfaces n section.	for rust e	very 12 mont	ths. Where	e necessary, coat as r	ecommended in	5 '1
							·	
Interpret	tation:		·					
			•					

1996---

Item Name: T	he Twedde	lls System Spring Buckling Press	Item No.	158
Name Plate: 7	weddell's	System - Fielding & Platt. Gloucester England		
Associated	Items:			
Individual				
Assemblage				
Collection		Hudraulia 40 E2 444 1E2 1E4 1E9 104 107 102 10	4 212	
System	◩	Hydraulic 49, 52, 144, 152-154, 158, 184-187, 193, 19- Spring Shop 123-125, 149-157, 159, 161	4, 213	
Operational Gro	oups ☑	Spring Shop 123-123, 149-137, 139, 161	·	

Description: This rather complex machine is about 3 metres long and 2.5 metres wide and stands at its highest point at 2 metres high. The machine was used for the buckling or the placing of collars on leaf springs. It was subsequently modified to allow the removal of collars or buckles. The item consists of several hydraulic rams which allow the assembling of the springs and the forcing of the collars or buckles on to the coupled springs.

History: The machine was installed in 1908 probably in the newly constructed spring shop between bay 1 and the new locomotive shop.

Function and Operation: The operation of the item was through the manipulation of hydraulic valves which admitted high pressure water from the hydraulic system into the rams which brought pressure to bear on the springs and buckles as appropriate.

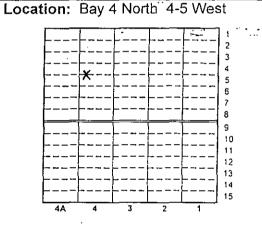
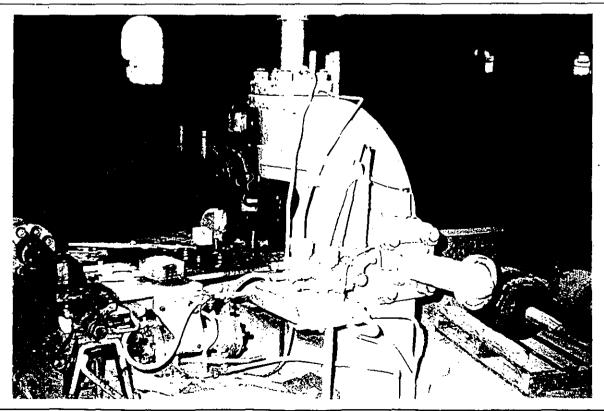


Photo: FILM No. 95-169-5-23 Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY	CONSERVATION
· ·	

1996----

Item Na	me: Tw	eddells Syst	em Sprii	ng Buckling P	ress		Item No. 158
Conditio	on:					· · · · · · · · · · · · · · · · · · ·	
the item	is clean	ed, serviced	and test		rnal surfac	ding power sources are e of the item has patch iorating.	
Significa	ance Ma	ıtrix	<u></u>		State His	storical Themes:	
	Historical		Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	×		×	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	×			×		16 Industry 18 Technology	
						20 Government Adm	inistration
Stateme	nt of Si	gnificance	·		<u> </u>	•	Sold of the process
represent has rese The item	its forme arch and will yiel	er manufactu d education p ld informatio	ring tech ootential n on the	nnologies now for developin nature of pa	rarely evid g an under st work pr	t of the hydraulic sys dent in operating works rstanding of early engir actices. The item and aigh degree of structura	shops. The item neering practice. I its operation is
Conserv	ation P	olicy:					
which it b	oelongs.	The item is	to be pr		eing clean	rved as part of the hyded, serviced and maint w.	-
						· · · · · · · · · · · · · · · · · · ·	
Policy In	npleme	ntation:	•			,	
internal be to be cle treated. fluid or p	oare met aned an All exte olycrysta	al surfaces and degreased rnal surface alline wax.	are to be d using a s are to All pipes	e dried and gr appropriate m be treated w	reased to pethods. An ith an appeacement	l, all bearings and glan prevent rust. All extern All superficial rust is to ropriate sealant such i, cleaned, dried and t	nal surfaces are be removed or as Shell ENSIS
Maintena	ance Sc	hedule				•	
the imple	mentatio	on section.	Every 5	years internal	surfaces	e necessary, coat as re should be inspected fo oved and coated with	r rust. Any rust
Interpret	ation:						
						•	

1996---

Item Name: The Furnace		Item No. 159
Name Plate: NSWTD FR71 S.O.		
Associated Items:		
Individual		
Assemblage	9, 86, 95, 97, 99, 106, 110,	111, 129,
159, 161, 198		
System Spring Shop 123-125, 149-157		
Operational Groups M		-
Description: This furnace has a cast iron and plate steel		
It is fired by gas and it was used for heating springs or buck	kies prior to trie assembly t	or springs.
History: The history of this item is unknown but it is proba	ably manufactured prior to	WW1 and has
been used for the manufacture of springs since that time	e. It was installed in this	location about
1972.		. ,
Function and Operation: N/A	Location: Bay 4 North	4 West
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,		5 6
		7 B
		9
		10
•		12
		14
	4A 4 3 2	1
Photo: FILM No. 95-169-5-24 Photographed	and inspected December	r 1995
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	and the second s	
A STATE OF THE STA		

Design associated with their operation for over 40 years. The item is an integral part of the Spring Shop. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be retained in its present location and be preserved as part of the Spring Shop and urnace collection to which it belongs. Policy Implementation: Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.	ltem Name: F	urnace ·					Item No. 159
The external surface of the item has patches of superficial rust and bare metal. Significance Matrix	Condition:						•
Significance Matrix Historical Aesthetic Social Technology/ Research Potential Rare	_				dition provi	ding power sources ar	e connected and
Historical Aesthetic Social Technology/ Research Potential Representative	The external s	urface of th	e item has	patches of su	perficial ru	st and bare metal.	nge.
Research Potential Rare					State His	storical Themes:	
Rare	Historic	al Aestheti	: Social	Research	Category	☐ Moveable Item ☐	Industrial Relic
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 40 years. The item is an integral part of the Spring Shop. The item and its operation is easy to interpret from its existing fabric. The item exhibits a nigh degree of structural integrity. Conservation Policy: The item is to be retained in its present location and be preserved as part of the Spring Shop and turnace collection to which it belongs. Policy Implementation: Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.				_	Themes	•	
Deling associated with their operation for over 40 years. The item is an integral part of the Spring Shop. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be retained in its present location and be preserved as part of the Spring Shop and urnace collection to which it belongs. Policy Implementation: Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.			۵	×		☐ 18 Technology	inistration
Policy Implementation: Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary. Interpretation:	peing associat Shop. The ite	ed with the m and its o	ir operation peration is	n for over 40 y	ears. The	e item is an integral p	art of the Spring
Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.	Deing associat Shop. The itenigh degree of Conservation	ed with the m and its of structural in Policy: be retained	ir operation is negrity.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.	Deing associat Shop. The itenigh degree of Conservation	ed with the m and its of structural in Policy: be retained	ir operation is negrity.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
Conserve. May reposition in same bay. Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.	being associate Shop. The ite high degree of Conservation The item is to	ed with the m and its of structural in Policy: be retained	ir operation is negrity.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
Disconnect from gas supply pipe. Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.	peing associate Shop. The itenigh degree of Conservation The item is to the urnace collection	ed with the m and its o structural in Policy: be retained on to which	ir operation is negrity.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
Maintenance Schedule Inspect for physical damage and deterioration every 12 months and implement repair as necessary.	Deing associate Shop. The itenigh degree of Conservation The item is to the urnace collection	ed with the m and its o structural in Policy: be retained on to which	ir operation is negrity.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
nspect for physical damage and deterioration every 12 months and implement repair as necessary.	Deing associate Shop. The ite nigh degree of Conservation The item is to the urnace collection Coll	ed with the m and its of structural in Policy: be retained on to which entation:	ir operation is peration is negrity. in its present belongs	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
nspect for physical damage and deterioration every 12 months and implement repair as necessary.	Deing associate Shop. The item is to the item is to the urnace collections on the item is to the item is the it	ed with the m and its of structural in Policy: be retained on to which entation: y reposition	ir operation is peration is negrity. in its present belongs in same belongs.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
	Deing associate Shop. The item is to the item is the i	ed with the m and its of structural in Policy: be retained on to which entation: y reposition	ir operation is peration is negrity. in its present belongs in same belongs.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
nterpretation	Deing associate Shop. The item igh degree of Conservation The item is to turnace collections and Conserve. Marchael Conserve. Marchael Conserve. Marchael Conserve. Marchael Conserve.	entation: y reposition n gas supp	ir operation is peration is negrity. in its present belongs in same belongs.	n for over 40 ys easy to inter	rears. The	e item is an integral p its existing fabric. The	art of the Spring e item exhibits a
nterpretation:	Deing associate Shop. The item igh degree of Conservation The item is to furnace collections of Conserve. Mac Disconnect from Maintenance S	Policy: be retained on to which entation: y reposition n gas supp	ir operation is peration is ntegrity. in its present belongs in same belongs.	a for over 40 ys easy to intersect location as	rears. The	e item is an integral plits existing fabric. The	art of the Spring e item exhibits a Spring Shop and
	Conservation The item is to furnace collect Conserve Maintenance S	Policy: be retained on to which entation: y reposition n gas supp	ir operation is peration is ntegrity. in its present belongs in same belongs.	a for over 40 ys easy to intersect location as	rears. The	e item is an integral plits existing fabric. The	art of the Spring e item exhibits a Spring Shop and

1996-

Item Name: The H	lydrauli	c Spring Buckling Press	Item No.	160
Name Plate: NSW	GR No	. 653 Class SP Rice & Co (Leeds) Ltd.		
Associated It	tems:			
Individual				
Assemblage				
Collection		Hydraulic 49, 52, 144, 152-154, 158, 184-187, 193, 194,	212	
System	· 🗹	Spring Shop 123-125, 149-157, 159, 161	213	
Operational Groups	<u> </u>	Spring Shop 123-123, 149-137, 139, 101	<u>. </u>	
Decementions This		list budroutis apring buckling proce like the provious and	boo oloo	h-a-m

Description: This specialist hydraulic spring buckling press like the previous one has also been modified. This rather complex machine is about 3 metres long and 2.5 metres wide and stands at its highest point at 2 metres high. The machine was used for the buckling or the placing of collars on leaf springs. It was subsequently modified to allow the removal of collars or buckles. The item consists of several hydraulic rams which allow the assembling of the springs and the forcing of the collars or buckles on to the coupled springs.

History: The machine was installed in 1915 probably in the newly constructed spring shop between bay 1 and the new locomotive shop

Function and Operation: The operation of the item was through the manipulation of hydraulic valves which admitted high pressure water from the hydraulic system into the rams which brought pressure to bear on the springs and buckles as appropriate.

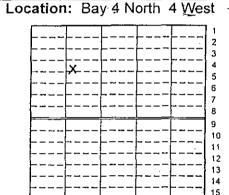
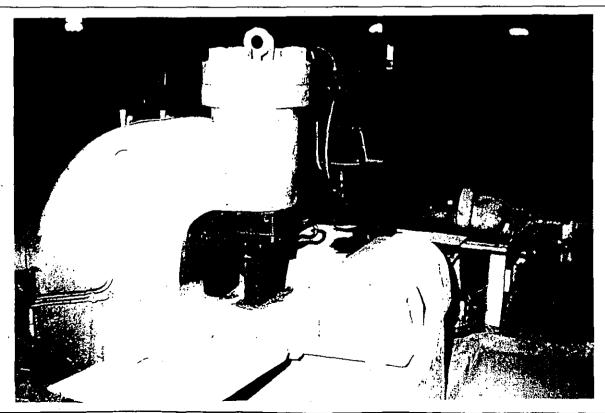


Photo: FILM No. 95-169-5-25 Photographed and inspected December 1995



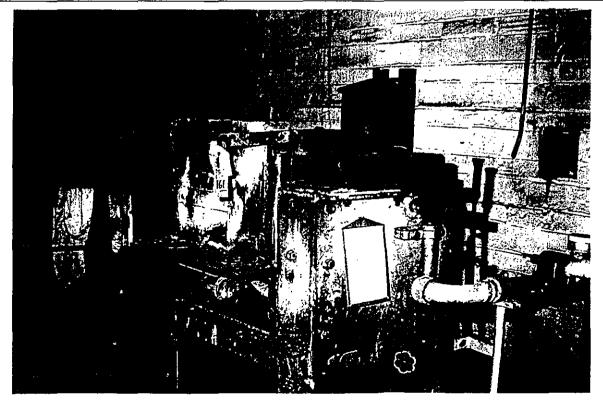
FVFI	FIGHT	OCOMOTIVI	F WORKSHOPS	MACHINERY	CONSERVATION
${ t L}$ ${ t V}$ ${ t L}$ ${ t L}$.cicara i.			WHOIMEIN	COMOLIVER

1996---

Item Na	me: Ric	e & Co Hyd	raulic Sp	oring Buckling	Press		Item No. 160
Condition	on:						
the item	is cleane	ed, serviced	and tes		rnal surfac	iding power sources ar be of the item has patcli iorating.	
Signific	ance Ma	ıtrix	<u></u>		State Hi	storical Themes:	**
_	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	×	×	×	×	Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative	×			×		☐ 16 Industry ☐ 18 Technology	
•		•	·	•		20 Government Adm	inistration
Stateme	ent of Sig	gnificance		······	l	•	5 A
represer has rese The item	nts forme earch and n will yiel	r manufactu I education d informatio	iring tech potential on on the	nnologies now for developin a nature of pa	rarely evi g an unde ist work pr	t of the hydraulic sys dent in operating works rstanding of early engli ractices. The item and high degree of structura	shops. The item neering practice. I its operation is
Conserv	vation Po	olicy:					
which it I	belongs.	The item is	to be p		eing clean	erved as part of the hyded, serviced and maintow.	•
Policy Ir	mplemer	station:				· · · · · · · · · · · · · · · · · · ·	
The macinternal to be cleated. fluid or p	chine is to bare met eaned an All exte polycrysta	o be stripped al surfaces d degrease rnal surface alline wax.	are to be d using s are to All pipes	e dried and g appropriate n be treated w	reased to prethods. An apprint and apprint an apprint and apprint analysis and apprint analysis and apprint analysis and apprint an apprint and apprint analysis and apprint an apprint and apprint an apprint analysis and apprint an apprint and apprint analysis and apprint and apprint analysis and apprint an apprint and apprint analysis and apprint an apprint and apprint analysis and apprint and apprint analysis and apprint and apprint analysis and apprint and apprint analysis and apprint and apprint analysis and apprint and apprint analysis and apprint and apprint analysis and apprint analysis and apprint and apprint and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint analysis and apprint	d, all bearings and glan prevent rust. All extern All superficial rust is to propriate sealant such d, cleaned, dried and t	nal surfaces are be removed or as Shell ENSIS
Mainten	ance Sc	hedule			•		
the imple	ementatio	on section.	Every 5	years interna	surfaces	e necessary, coat as re should be inspected fo oved and coated with	r rust. Any rust
Interpre	tation:	<u></u>					
	•						
	•		٠			·	

1996---

Item Name: Furnac	е		Item No. 161
Name Plate: NSWT	DFR	73 S O	<u> </u>
	ms:		
Individual			
Assemblage			
Collection		Furnaces 47, 48, 53, 56, 59, 79, 86, 95, 97, 99, 106, 110, 159, 161, 198), 111, 129,
System Operational Groups	I	Spring Shop 123-125, 149-157, 159, 161	-
		has a cast iron and plate steel sheathing and stands on dised for heating springs or buckles prior to the assembly o	
		s item is unknown but it is probably manufactured prior to acture of springs since that time. It was installed in this	
Function and Opera	ition:	Location: Bay 4 North	5-6 West
			5 6 7 8
			10 11 12 13
		4A 4 3 2	1 14 15
Photo: FILM t	lo. 9	5-169-5-26 Photographed and inspected Decemb	er 1995

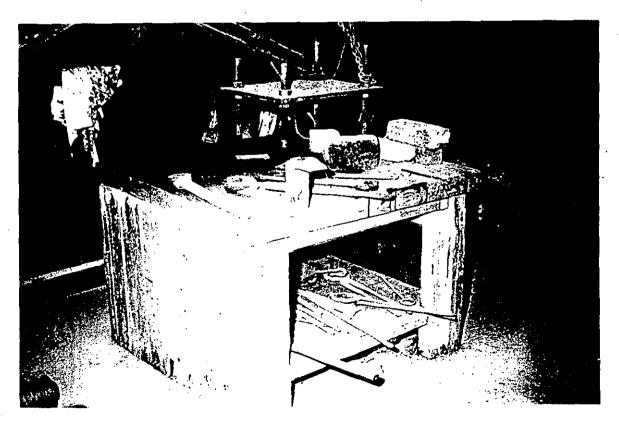


1996-

Item Na	me: Fur	nace			<u> </u>		Item No. 161
Condition	on:						
		m appears d, serviced		•	dition provi	ding power sources ar	e connected and
The exte	ernal surfa	ace of the i	item has	patches of su	perficial ru	st and bare metal.	
_	ance Mat				State His	storical Themes:	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare				Ģ	Themes	☐ 13 Transport☐ 15 Utilities	
Repres- entative	X			· 区		☐ 16 Industry ☐ 18 Technology	· ·
Stateme	nt of Sig	nificance	: The ite	m was an inte	egral part o	20 Government Admo	27-page 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
peing as	sociated	with their	operation	for over 40	years. Th	e item is an integral p interpret from its exis	art of the steam
				ral integrity.			
Conserv	ation Po	licy:				-	
The item	is to be age, furna	retained i			•	eserved as part of the h it belongs. The furn	
•							
							,
Policy In	nplemen	tation:					
abrasive	or steel l	orushing.	Remnant		e treated v	blasting using a lime with an inhibitor and fir alline wax.	
Disconne	ect from g	as supply	pipe.		•		
Mainten	ance Sch	edule		·			* ** *
nspect fo	or physica	al damage	and dete	rioration ever	y 12 month	ns and implement repa	ir as necessary.
							·
nterpret	ation:	- -					
			•	•			
				•	•		

1996-

Item Name: Work Table	Item No. 162
Name Plate: N/A	· · · · · · · · · · · · · · · · · · ·
Associated Items:	
Individual ☑	
Assemblage	•
Collection	· · · · · · · · · · · · · · · · · · ·
System	•
Operational Groups	•
Description: This small work table on timbe	r legs and with a steel plate top was used for a variety
of setting out and marking operations as sprir	
History: Not known.	
Function and Operation: Work Table.	Location: Bay 4 North 5-6 East
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	8 9
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	13
	15
	4A _ 4 3 2 1



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 Item Name: Work Table Item No. 162 Condition: The item is in good/excellent operating condition. Significance Matrix State Historical Themes: Historical Aesthetic Technology/ Social ☐ Moveable Item ☐ Industrial Relic Research Category Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ☐ 18 Technology ☐ 20 Government Administration Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for some 30 years. The item is significant to a large number of former workers and members of special interest societies. The item is an integral part of the Spring Shop operational group. **Conservation Policy:** The item is to be retained in its present location or close by and be preserved as part of the Spring Shop Operational Group to which it belongs. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve. May reposition in same bay. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.

Interpretation:

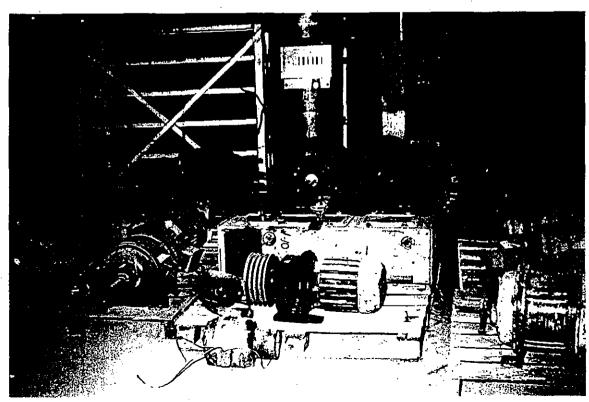
1996---

Item Name: Electric Motor		Item	No. 163
Name Plate:			
Associated Items:			
Individual ☑			
Assemblage 🚨		•	
Collection 🗆	•		
System 📮		·····	
Operational Groups	•		
Description: To be returned to Cho	ullora	·····	
History:			
unction and Operation:		Location: Bay 4 North 4 Eas	st ·
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Item Nar	ne: Elec	tric Motor						Item No	. 163
Conditio	n:		· · · · · ·				<u> </u>		
				•				•	
•									
Significa	ance Mat	rix		 ,	State His	storical Th	emes:	- 45	
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveal		Industrial	Relic
Rare					Themes	13 Tran			
Repres-						15 Utili			
entative		. 🚨				☐ 16 Indu		· .	
							ernment Adı	ninistration	
Stateme	nt of Sig	nificance	ı	· · · · · · · · · · · · · · · · · · ·	l		•	<u> </u>	44 I 244
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Consent	ation Po	licy:			4. STRUCT .		· · · · · · · · · · · · · · · · · · ·		
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Remove	to bay it	5 for furthe	ei assessi	nen.					
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Policy In	plemen	tation:							
Relocate	to Bay 1	5				•			
Ciocale	to Day 1	.							
			,				11		
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# = i = 4									
viaintena	ance Sch	ieaule		٠.,					
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							• "		
nterpret	ation:			<u></u>	· · · · · · · · · · · · · · · · · · ·		<u> </u>	· · · · - ·	
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									I

1996

Item Name: Electric Starter Cabinet		Item No.	164
Name Plate:		<u> </u>	
Associated Items:			
Individual 🗹			
Assemblage 🔲	•		
Collection			
System			
Operational Groups 🔲			
Description: This small starter cabinet is associated with Bays 1-5.		en moved	fron
History: No information is available on the history of this ite	em.		
Function and Operation: Associated machinery for this	Location: Bay 4 No	orth 3-4	Eas
item is unknown.	4A 4 3 2	1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 15	•
Photo: FILM No. 95-169-6-29 Photographed ar	nd inspected Decembe	r 1995	



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996-Item Name: Electric Starter Cabinet Item No. 164 Condition: Significance Matrix State Historical Themes: Historical Aesthetic Social Technology/ ☐ Moveable Item ☐ Industrial Relic Research Category Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ☐ 18 Technology ☐ 20 Government Administration Statement of Significance Conservation Policy: Remove to Bay 15 for further assessment. Policy Implementation: Relocate to Bay 15. Maintenance Schedule

GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

Interpretation:

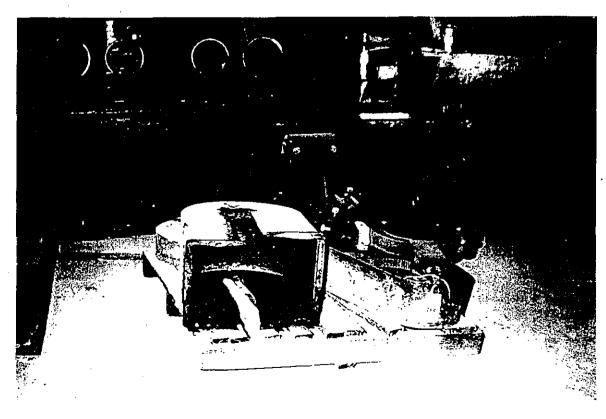
1996

Item Name: Small Electric Motor	Item No. 165
Name Plate:	
Associated Items: Individual ☑ Assemblage □ Collection □ System □	
Operational Groups Description: This small electric motor mounted on	the base plate with a five belt V-pulley is
believed to belong to one of the machines removed from	
History: The history of the items is unknown.	<u>- </u>
Function and Operation: Unknown.	Location: Bay 4 North 2 East
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Photo: FILM No. 95-169-5-31 Photograp	hed and inspected December 1995
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Item Nan	ne: Elec	tric iviotor	ъ ваsер	late				1	nem	No.	165
Conditio	n:				,	 -	<u></u>				·
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Repres-						15 Utili					
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						☐ 20 Gov		Admini	stratio	n	•
Statemer	nt of Sig	nificance		· 	<u> </u>		•		<u>;</u> .1		
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1996-----

Item Name: Machine Parts	Item No. 166
Name Plate:	
Associated Items: Individual Assemblage □ Collection □ System □	
Operational Groups Description: Machine parts in this category consists of two	wo laved centres and a large hed bracket
History: The history of the items is unknown.	
Function and Operation: Unknown.	Location: Bay 4 North 2 East
Photo: FILM No. 95-169-5-31 Photographed	and inspected December 1995



	e Parts						Item	No.	166
Condition:				<u>-</u> .			J		
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				<u> </u>					
Significance Matrix Historical Ae		ain!	Tl	State His	storical The	nes:	<u></u> ,—	_	
- Historical Ae	esthetic So		Technology/ Research Potential	Category			☐ Indust	rial Re	lic
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Repres-					☐ 16 Indust				
entative		Ц	· U		☐ 18 Technology		dmínístrati	on.	
Statement of Signifi	icance	<u> </u>		<u> </u>			1		· · ·
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1996-

Item Name: The Centre Lathe	Item No. 167
Name Plate:	
Associated Items: Individual Assemblage Collection System Operational Groups Oper	.
Description: This large machine lathe with its massive case one of the last of the traditional type lathes to be produchanging mechanisms. It is of exceptionally sturdy constructions.	ced before the advent of built-in gea
History: The lathe was introduced to Bay 10 in 1940 and shop in Bay 10. It was moved to its present location in Bay 1989.	
Function and Operation: The lathe was only operated by fitters and machinists although final year fitters and machinist apprentices are also able to use the lathe under supervision.	Location: Bay 4 North 2 East
Photo: FILM No. 95-167-5-32 Photographed	and inspected December 1995

1996-

Representative 15 Utilities 16 Industry 18 Technology 18 Technology 20 Government Administration	ltem Na	ıme: Cer	itre Lathe [Denham	·			Item No. 167
The external surface of the item has patches of superficial rust and bare metal. Significance Matrix Historical Aesthetic Social Technology/Research Potential Potential	Conditi	on:						<u> </u>
State Historical Aesthetic Social Technology/ Research Potential Rare	_		• •		•	dition provi	ding power sources ar	e connected and
Historical Aesthetic Social Technology/Research Potential Rare	The exte	ernal surf	ace of the i	tem has	patches of su	perficial ru	st and bare metal.	<u></u>
Research Potential Relic Rare	Signific			Social	Toobaslassi	State His	storical Themes:	
Repres- Intative		nistoricai	Aesthetic .	Social	Research			Industrial Relic
Statement of Significance: The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 45 years. The item is a large, rare, industrial piece exhibiting massive cast-iron construction and which had general engineering application. The item is impressive in size and form and exhibits a unity in its design and detail. The item and its preparation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 10 North and fastened to a bed close to the location of the one from which it was removed and conserved. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial ust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant uch as Shell ENSIS fluid or polycrystalline wax. Conserve. Relocate to another bay (Bay 10). Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Rare -	×			×	Themes		
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ne implementation section.	Mainten	ance Sch	nedule	<u>.</u>	·			
nterpretation:	-			for rust	every 12 mon	ths. Where	e necessary, coat as r	ecommended in
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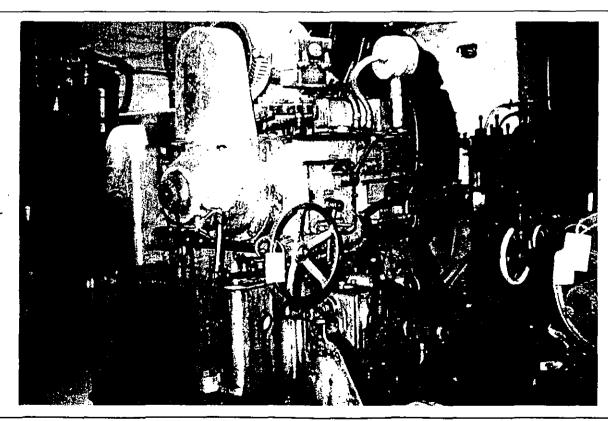
1996

Associated Items: Individual □ Assemblage □ Collection ☑ Lathes 38, 107, 109, 131, 141, 167, 168, 200	Item Name: T	he Axle ar	id Journa	l Lat	he b	y Cra	iven							Iter	n No	. 168
Individual Assemblage Collection Matches 38, 107, 109, 131, 141, 167, 168, 200 System Operational Groups Description: An extremely heavy lathe with an integrated motor driving the chuck and tool holder through a complex set of covered gears. Gear changing was achieved by a series of gear levers. History: The axle and journal lathe was introduced to Bay 9 North in the machine shop in 1956. It was one of the first of the modern types of lathes to be introduced to the workshops. Function and Operation: The lathe was used for acol turning and burnishing and was one of the more complex specialist lathes used in the machine shop. Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West	Name Plate:		<u></u>											1		
Assemblage Collection Matches 38, 107, 109, 131, 141, 167, 168, 200 System Operational Groups Description: An extremely heavy lathe with an integrated motor driving the chuck and tool holder through a complex set of covered gears. Gear changing was achieved by a series of gear levers. History: The axle and journal lathe was introduced to Bay 9 North in the machine shop in 1956. It was one of the first of the modern types of lathes to be introduced to the workshops. Function and Operation: The lathe was used for acol turning and burnishing and was one of the more complex specialist lathes used in the machine shop. Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West	Associated	Items:						•				_				
Collection System Operational Groups Description: An extremely heavy lathe with an integrated motor driving the chuck and tool holder through a complex set of covered gears. Gear changing was achieved by a series of gear levers. History: The axle and journal lathe was introduced to Bay 9 North in the machine shop in 1956. If was one of the first of the modern types of lathes to be introduced to the workshops. Function and Operation: The lathe was used for acol turning and burnishing and was one of the more complex specialist lathes used in the machine shop. Location: Bay 4 North 2 West Location: Bay 4 North 2 West The lathe was used for acol turning and burnishing and was one of the more complex specialist lathes used in the machine shop.	Individual															
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Function and Operation: The lathe was used for acol turning and burnishing and was one of the more complex specialist lathes used in the machine shop. Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West Location: Bay 4 North 2 West	History: The a	axle and jo	urnal lath	ne wa	as in	trodu	ced to	Вау	9 N	orth	in the	e ma	chine	shop	in 19	56. l
turning and burnishing and was one of the more complex specialist lathes used in the machine shop. Table	was one of the	first of the	modern	types	of	lathes	to be	intro	duc	ed to	the	work	shops	i.		
turning and burnishing and was one of the more complex specialist lathes used in the machine shop. Table		<u> </u>														
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11 12 13 14 15	specialist lather	s used in th	ne machi	ne sh	nop.						<u> </u>			-	2 3	
11 12 13 14 15		•										<u>-</u>			4	
11 12 13 14 15											 -			- - -	- 5 6	
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Photo:

FILM No. 95-169-5-33

Photographed and inspected December 1995



1996

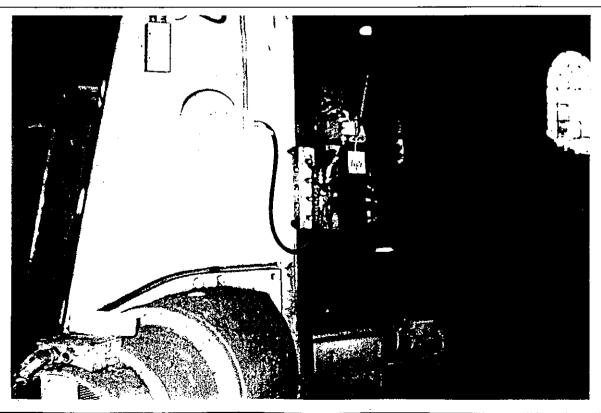
Repres 15 Utilities 16 Industry	Item Na	me: Cra	ven Axle a	nd Journa	al Lathe			Item No. 168
The external surface of the item has patches of superficial rust and bare metal. Significance Matrix	Conditi	on:				 :-		
State Historical Aesthetic Social Technology/ Research Potential tare						dition provi	ding power sources ar	e connected and
State Historical Aesthetic Social Technology/ Research Potential tare	The exte	ernal surfa	ace of the i	tem has	patches of su	perficial ru	st and bare metal.	
Research Potential Themes 13 Transport 15 Utilities 15 Util					<u> </u>	·		-24
terre	J			Social	Research			I Industrial Relic
Itative E	Rare	×			×	Themes		·
Statement of Significance: The item was an integral part of the Eveleigh Locomotive-Workshops leing associated with their operation for over 30 years. The item is a large, rare, industrial piece which had general engineering application. The item is impressive in size and form and exhibits a nity in its design and detail. The item and its operation is relatively easy to interpret from its xisting fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 9 North and fastened to a bed close to the location of the one form which it was removed and conserved. Tolicy Implementation: If external surfaces are to be cleaned and degreased using appropriate methods. All superficial uset is to be removed or treated. All external surfaces are to be treated with an appropriate sealant user as Shell ENSIS fluid or polycrystalline wax. All internal surfaces are to be greased and earbox oil is to be changed. Conserve. Relocate to new bay. Islantenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended implementation section.	Repres- entative	×			×		· · · · · · · · · · · · · · · · · · ·	
reing associated with their operation for over 30 years. The item is a large, rare, industrial piece which had general engineering application. The item is impressive in size and form and exhibits a mity in its design and detail. The item and its operation is relatively easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 9 North and fastened to a bed close to the location of the one form which it was removed and conserved. Folicy Implementation: If external surfaces are to be cleaned and degreased using appropriate methods. All superficial ust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. All internal surfaces are to be greased and earbox oil is to be changed. Conserve. Relocate to new bay. Islantenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended implementation section.			-				20 Government Adm	inistration
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1996~

Item Name: Planing Machine		Item No. 169
Name Plate:		
Associated Items: Individual ☑	·	
Assemblage Collection		
System Operational Groups		
Description: This large variable speed reversing motor of Halifax wax used for general planing work form the other based for general planing work for general		
History: The planer was introduced to Bay 10 South in 19 fitters and machinists.	53 and it was one of seve	eral used by the
Function and Operation: The planing machine which has a very large cast iron bed was used for general use for levelling and truing. This planer was of typical construction with a horseshoe type bed or ways on which the tool carriage ran. The pattern or bed was moved backwards and forwards by means of a spiral gear located at 45° to the axis of the planer. The planer was used only by fitters and machinists.	, , , , , ,	2 West 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 15 1

Photo: FILM No. 95-169-5-34

Photographed and inspected December 1995



GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

Representative	Item Na	me: Flan	ing Machir	ne				Item No. 169
The external surface of the item has patches of superficial rust and bare metal. Significance Matrix	Conditio	on:				_ - -	<u>.</u>	<u></u>
State Historical Themes: Historical Aesthetic Social Technology Research Potential Rare S						dition prov	iding power sources are	e connected and
State Historical Themes: Historical Aesthetic Social Technology/Research Potential Themes 13 Transport 15 Utilities 16 Industrial Relice 18 Transport 19 Transport	The exte	ernal surfa	ice of the it	tem has	patches of su	perficial ru	st and bare metal.	
Rare		ance Mat	rix		Technology/ Research	State His	storical Themes:	
Representative	Rare	×	<u> </u>			Themes	☐ 13 Transport	
Statement of Significance: The item was an integral part of the Eveleigh Lecomotive Workshop being associated with their operation for over 30 years. The item is a large, rare, industrial piece which had general engineering application. The item is impressive in size and form and exhibits unity in its design and detail. The item and its operation is relatively easy to interpret from it existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 10 South and fastened to a bed close to the location of the one from which it was removed and conserved. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Internal surfaces are to be cleaned and greased. Conserve. Relocate to new bay. (10 South). Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Repres-	×	ū	Q	×		☐ 16 Industry	
being associated with their operation for over 30 years. The item is a large, rare, industrial piece which had general engineering application. The item is impressive in size and form and exhibits unity in its design and detail. The item and its operation is relatively easy to interpret from it existing fabric. The item exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 10 South and fastened to a bed close to the location of the one from which it was removed and conserved. Policy Implementation: All external surfaces are to be cleaned and degreased using appropriate methods. All superficiarust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Internal surfaces are to be cleaned and greased. Conserve. Relocate to new bay. (10 South). Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.							· ==	nistration
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Internal surfaces are to be cleaned and greased. Conserve. Relocate to new bay. (10 South). Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	The item	is to be	removed to	•		astened to	a bed close to the loc	ation of the one
All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Internal surfaces are to be cleaned and greased. Conserve. Relocate to new bay. (10 South). Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.						·		
rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Internal surfaces are to be cleaned and greased. Conserve. Relocate to new bay. (10 South). Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Policy Ir	nplement	tation:				<u> </u>	·
Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	rust is to	be remov	ed or trea	ted. Ali	external surfa	ces are to	be treated with an app	ropriate sealant
Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.	Conserv	e. Reloca	ite to new l	bay. (10	South).		,	;
the implementation section.	Mainten	ance Sch	edule			·	<u> </u>	<u> </u>
Interpretation:				for rust	every 12 mon	ths. Wher	re necessary, coat as re	ecommended in
nterpretation:								
Interpretation:				·			·	
	Interpret	tation:	<u> </u>					
	,							

1996___

Item Name: Electric Motor	Item No	. 170
Name Plate:		
Associated Items:		
Individual 🗹		•
Assemblage \Box		
Collection		
System		
Operational Groups	<u> </u>	
Description: This small electric motor has a five belt \	/-pulley attached to it.	
History: Unknown		<u>-</u> -
·	·	
Function and Operation: Unknown	Location: Bay 4 North 2-3 Wes	t
runction and Operation. Onknown	Location. Bay 4 North 2-5 Wes	·
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Photo: FILM No. 95-169-5-35 Photograp	hed and inspected December 1995	
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Conditio	on:				<u> </u>		L_	• • • • • • • • • • • • • • • • • • • •	
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Significa	ance Matr	ix		·	State His	storical Themes:	-20-		
3	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Indu	ıstrial F	lelic
Rare					Themes	☐ 13 Transport			
Repres-						15 Utilities			
entative			: 🗖			☐ 16 Industry ☐ 18 Technology	•		
•						20 Government A	dministr	ation	
Stateme	nt of Sigr	nificance	· · · · · · · · · · · · · · · · · · ·		<u> </u>				
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	-0-15-0	·				· · · · · · · · · · · · · · · · · · ·			
	ation Polito Bay 15		er assess	ment.					
	ation Pol to Bay 15		er assess	ment.					
			er assess	ment.					
			er assess	ment.					
Remove	to Bay 15	for furthe	er assess	ment.					
Remove	to Bay 15	for furthe	er assess	ment.					
Remove	to Bay 15	for furthe	er assess	ment.					
Remove	to Bay 15	for furthe	er assess	ment.					
Remove	to Bay 15	for furthe	er assess	ment.					
Policy In	nplementa to Bay 15	for furthe	er assess	ment.					
Policy In	to Bay 15	for furthe	er assess	ment.					
Policy In	nplementa to Bay 15	for furthe	er assess	ment.					14. 2
Policy In	nplementa to Bay 15	for furthe	er assess	ment.					
Policy In	nplementa to Bay 15	for furthe	er assess	ment.					
Policy In	nplementa to Bay 15	for furthe	er assess	ment.					4. 3
Policy In Relocate	nplementa to Bay 15	for furthe	er assess	ment.					
Policy In Relocate	nplementa to Bay 15	for furthe	er assess	ment.					***
Policy In Relocate	nplementa to Bay 15	for furthe	er assess	ment.					
Remove Policy In Relocate	nplementa to Bay 15	for furthe	er assess	ment.					14. 3
Policy In Relocate	nplementa to Bay 15	for furthe	er assess	ment.					

1996

Item Name: Small Motor Generator	Item No.	171
Name Plate:		
Associated Items:		
Assemblage □ Collection □		
System Operational Groups	ear.	
Description:		
History: The history of the item is unknown.		
Function and Operation: The location and mode of Location: Bay 4 Noncoperation is unknown. This item is to be moved to Bay	th 2 West	-
15.	1 2 3 4 5 5 6	****
	7 8 9 10 11 12 12 13 14 15	
	2 1	
Photo: FILM No. 95-169-5-36 Photographed and inspected Decem	ıber 1995	
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996 ____ Item Name: Motor Generator Item No. 171 Condition: State Historical Themes: Significance Matrix Historical Aesthetic Social Technology/ ☐ Moveable Item Category ☐ Industrial Relic Research Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry entative ☐ 18 Technology ☐ 20 Government Administration Statement of Significance Conservation Policy: Remove to Bay 15 for further assessment.

Policy Implementation:

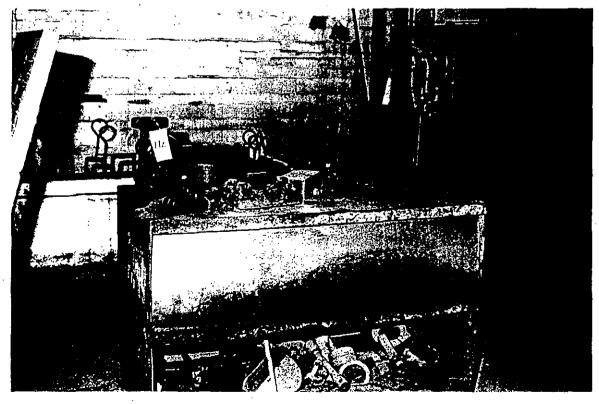
Relocate to Bay 15.

Maintenance Schedule

Interpretation:

1996-

Item Name: Workbench an	nd Vice		Item No. 172
Name Plate:			<u> </u>
Associated Items:			
Individual ☑			
Assemblage □		•	
Collection			
System			a=1
Operational Groups ☑ S	Spring Shop 123-125, 149-157	, 159, 161	
Description: This small we Spring Shop.	orkbench and vice was used in	the setting out of specia	al springs in the
History: The history of the Spring Shop was established	item is unknown but it was prod d here.	bably located in this wor	kshop since the
Function and Operation: functioned as part of a large		Location: Bay 4 North	3 West 1 2 3 4 5 5 7 8 9 10 11 12 13 14 15 15 1
Photo: FILM No. 95		and inspected Decemb	



Item Na	me: Wo	k Bench 8	& Vice				Item No. 1
Condition	on:	<u> </u>					
The item	n is in and	nd/avcaller	nt onerati	ng condition.			
THE REI	r is in god	od/exocilei	порстан	ng condition.			
	ance Ma	trix			State His	torical Themes:	
	Historical	Aesthetic	Social	Technology/ Research	Category	☐ Moveable Item	Industrial Reli
Rare				Potential	Themes	☐ 13 Transport	
Repres-				•	<u> </u> 	15 Utilities	
entative						☐ 16 Industry ☐ 18 Technology	
						20 Government A	dministration
The item operation	n for over	integral p 20 years.	art of the	n is an integra	I part of the	Vorkshops being as Spring Shop oper	ational group.
The item operation Conserventhe item	was an for over	integral p 20 years.	The iter	n is an integra	I part of the		ational group.
The item operation Conserve The item Shop Op	was an for over	integral p 20 years. licy: retained in Group to	The iter	n is an integra	I part of the	e Spring Shop oper	ational group.
The item operation Conserve The item Shop Operation Irea Policy I	was an for over vation Por is to be perational mplemen	integral p 20 years. licy: retained in Group to tation:	n its presonable the be clear	ent location or pelongs.	close by a	e Spring Shop operation of the street of the	ational group. s part of the Spri
The item operation Conserve The item Shop Operation Irrust is to	was an for over vation Por is to be perational surface be remo	integral p 20 years. licy: retained in Group to tation: ces are to ved or trea	n its presewhich it be clear	ent location or pelongs.	close by a	e Spring Shop oper	ational group. s part of the Spri
The item operation Conserve The item Shop Operation Policy Ir All externations to such as Sections	vation Por is to be perational surface be remossible.	integral p 20 years. licy: retained in Group to tation: ces are to ved or trea	the iter The iter its presewhich it be clear ated. All	ent location or pelongs. ned and degre external surfa- stalline wax.	close by a	e Spring Shop operation of the street of the	ational group. s part of the Spri
The item operation Conserve The item Shop Operation Policy Ir All externations to such as Sections	vation Por is to be perational surface be remossible.	integral p 20 years. licy: retained in Group to tation: ces are to ved or treases	the iter The iter its presewhich it be clear ated. All	ent location or pelongs. ned and degre external surfa- stalline wax.	close by a	e Spring Shop operation of the street of the	ational group. s part of the Spri
The item operation Conservence The item Shop Operation Policy In All externation is to such as Secondary	vation Por is to be perational surface be remo	integral p 20 years. licy: retained ir Group to tation: ces are to ved or trea SIS fluid or eposition ir	the iter The iter its presewhich it be clear ated. All	ent location or pelongs. ned and degre external surfa- stalline wax.	close by a	e Spring Shop operation of the street of the	ational group. s part of the Spri
The item operation Conserve The item Shop Operation Policy Irrust is to such as Secondary	vation Por is to be perational surface be remosable. May remark the surface of th	integral p 20 years. Ilicy: retained ir Group to tation: ces are to ved or trea SIS fluid or eposition ir nedule	be clear ated. All r polycrys	ent location or pelongs. ned and degre external surfactalline wax.	close by a	e Spring Shop operation of the street of the	ational group. s part of the Spri
The item operation Conserve The item Shop Op Policy Ir All externoust is to such as S Conserve Maintenationspect as	vation Por is to be perational surface be remo Shell ENS e. May read ance Schell external	integral p 20 years. Ilicy: retained ir Group to tation: ces are to ved or trea SIS fluid or eposition ir nedule	be clear ated. All r polycrys	ent location or pelongs. ned and degre external surfactalline wax.	close by a	e Spring Shop operated as appropriate method be treated with an a	ational group. s part of the Spri
The item operation Conserve The item Shop Op Policy Ir All externoust is to such as S Conserve Maintenationspect as	vation Por is to be perational surface be remo Shell ENS e. May read ance Schell external	integral p 20 years. Ilicy: retained ir Group to tation: ces are to ved or trea SIS fluid or eposition ir nedule	be clear ated. All r polycrys	ent location or pelongs. ned and degre external surfactalline wax.	close by a	e Spring Shop operated as appropriate method be treated with an a	ational group. s part of the Spri

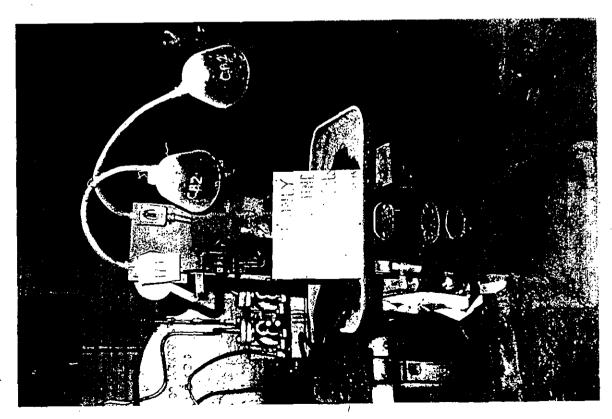
1996---

Name Plate: Associated Items: Individual	Item Name: Armatures	Item No. 173
Individual Assemblage Collection System Operational Groups Description: These items are to be moved to Chullora for disposal. History: Function and Operation: Location: Bay 4 North 4-5 West	Name Plate:	· · · · · · · · · · · · · · · · · · ·
Assemblage Collection System Coperational Groups Description: These items are to be moved to Chullora for disposal. History: Function and Operation: Location: Bay 4 North 4-5 West	Associated Items:	
Collection System Operational Groups Description: These items are to be moved to Chullora for disposal. History: Function and Operation: Location: Bay 4 North 4-5 West	Individual	
Collection System Operational Groups Description: These items are to be moved to Chullora for disposal. History: Function and Operation: Location: Bay 4 North 4-5 West	Assemblage \Box	
Operational Groups Description: These items are to be moved to Chullora for disposal. History: Function and Operation: Location: Bay 4 North 4-5 West		
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995	System	
Function and Operation: Location: Bay 4 North 4-5 West Location: Bay 4 North 4-5 West Location: Bay 4 North 4-5 West A		
Function and Operation: Location: Bay 4 North 4-5 West	Description: These items are to be moved to Chullo	ora for disposal.
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995	History:	
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995	Function and Operation:	Location: Bay 4 North 4-5 West
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		¥4
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		[*
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		9
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995	•	12
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995	•	
Photo: FILM No. 95-169-6-2 Photographed and inspected December 1995		
	Photo: FILM No. 95-169-6-2 Photogra	aphed and inspected December 1995

Item Na	me: Arm	natures					Item No. 173
Conditie	on:						
				•			•
Signific	ance Ma				State His	storical Themes:	<i>.</i>
	Historical	Aesthetic	Social	Technology/ Research	Category	☐ Moveable item ☐	Industrial Relic
Rare				Potential	Themes	☐ 13 Transport	
	_		-	-		☐ 15 Utilities	
Repres- entative					1	☐ 16 Industry	
511141110	_	_	_			☐ 18 Technology ☐ 20 Government Adm	inistration
Stateme	ent of Sic	Inificance			<u> </u>		1.4
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Conserv	ation Po	olicy:			•		
Scrap							
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olicy Ir	nplemen	tation:		· · · · · · · · · · · · · · · · · · ·	S		
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\ciocate	to a loca	ition outsic	ie Eveleií	gii itaiiway vvi	irkanopa.	ociap.	-
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nterpret	tation:				<u></u>		#
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1996___

Name Plate: Associated Items: Individual	Itom Nassa	The Crinding Table			Itam No. 474
Associated Items: Individual Assemblage Collection					Item No. 174
Assemblage Collection Collec					
Assemblage Collection					
Collection		-	· · · · · · · · · · · · · · · · · · ·		
Description: This small grinding table was used in the Spring Shop. It consists of a heavy cast ron pedestal, head and apron all cast in one piece with two relatively small grinding wheels attached to the ends of the single shaft. History: The item was installed in the Workshop in 1940. Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West or general small grinding within the Spring Shop.	_	• 4			
Description: This small grinding table was used in the Spring Shop. It consists of a heavy cast ron pedestal, head and apron all cast in one piece with two relatively small grinding wheels attached to the ends of the single shaft. History: The item was installed in the Workshop in 1940. Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West or general small grinding within the Spring Shop.		<u>u</u>			
Description: This small grinding table was used in the Spring Shop. It consists of a heavy cast ron pedestal, head and apron all cast in one piece with two relatively small grinding wheels attached to the ends of the single shaft. History: The item was installed in the Workshop in 1940. Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West for general small grinding within the Spring Shop.	•				
ron pedestal, head and apron all cast in one piece with two relatively small grinding wheels attached to the ends of the single shaft. History: The item was installed in the Workshop in 1940. Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West Location: Bay 4 North 5 West Substitute of the single shaft. History: The item was installed in the Workshop in 1940. Location: Bay 4 North 5 West Substitute of the single shaft. Substitute of the single shaft. History: The item was installed in the Workshop in 1940. Location: Bay 4 North 5 West Substitute of the single shaft. Substitute of the single sha					<u></u>
Attached to the ends of the single shaft. History: The item was installed in the Workshop in 1940. Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West					
Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West Location: Bay 4 North 5 West				th two relatively small	grinding wheels
Function and Operation: The Grinding Wheel was used or general small grinding within the Spring Shop. Location: Bay 4 North 5 West Location: Bay 4 North 5 West Location: Bay 4 North 5 West					<u> </u>
or general small grinding within the Spring Shop. The state of the	<u>-</u>			·	
2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15				Location: Bay 4 North	n 5 West
11 12 13 14 15 4A 4 3 2 1	for general s	small grinding within the Sp	ring Shop.		1
11 12 13 14 15 4A 4 3 2 1					- ₂
11 12 13 14 15 4A 4 3 2 1			•		3
11 12 13 14 15 4A 4 3 2 1					5
11 12 13 14 15 4A 4 3 2 1					_ <u></u>
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13 14 14 15				<u> </u>	10
4A 4 3 2 1					11 12
4A 4 3 2 1					
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Photo: FILM No. 95-169-6-3 Photographed and inspected December 1995			,	4A 4 3 2	1
Photo: FILM No. 95-169-6-3 Photographed and inspected December 1995					•
Photo: FILM No. 95-169-6-3 Photographed and inspected December 1995			·		
	Photo:	FILM No. 95-169-6-3	Photographed	and inspected Decem	ber 1995
		······································			



Item Nai	ne: Grinding Ta	ble				Item No	o. 174
Conditio	on:						
The item	is in good/excel	lent operati	na condition.				
1110 110111	(o iii goddroxoo.	on operan	, ng contamorn				
Significa	ance Matrix			State His	storical Themes:	·	
	Historical Aestheti	c Social	Technology/ Research Potential	Category	☐ Moveable Item	☐ Industrial	Relic
Rare				Themes	13 Transport		
Repres-					15 Utilities		
entative					☐ 16 Industry ☐ 18 Technology		
•					20 Government A	Administration	
The item location of	of the one from w	hich it was	removed and being cleane	conserved d, service	h and fastened to i. d and maintained	·	
							·
Policy in	nplementation:	•			• •		
rust is to such as \$ finish sho or a polyo	be removed or to Shell ENSIS fluid ould be suitably p	reated. All or polycrys polished and All moving	external surfa- stalline wax. A d coated with a parts of electri	ces are to All operatin an appropr c motors a	g appropriate meth be treated with an g surfaces exhibitir iate sealant such a ire to be covered to	appropriate s ng a normally as Shell ENS	sealant / bright IS fluid
Maintena	nce Schedule			<u>.</u>			
	ll external surfac		every 12 mont	ths. Where	e necessary, coat a	as recommer	nded in
	ears internal sur uitably by being r				Any rust or oxidation and sealant.	on product m	nust be
Interpret	ation:	<u> </u>				·	

=	VELEIGHI	OCOMOTIVE.	WORKSHOPS MA	CHIMEDY	CONSEDVATION
₾,	VELEIGH I		WORKSHOPS IVIA	LANDERY	CONSERVATION

1996-

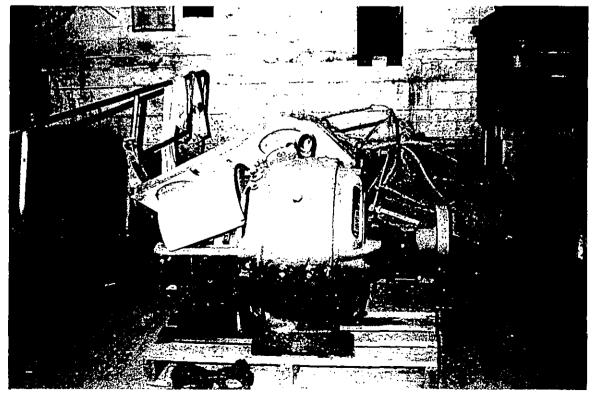
Item Name: Electric Motor	Item No. 17
Name Plate:	
Associated Items:	
ndividual 🔻 🗹	
Assemblage 🗆	
Collection	en.
System \square	·
Operational Groups □	
Description: This item which bears no name plate is urther assessment.	to be moved to Bay 15 for storage an
listory:	

Function and Operation:	Location: Bay 4 North 6 West
anous and operation.	Location. Day Triolar o vicot
	1 2
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	10
	11 12
	13
	4A 4 3 2 1
Photo: FILM No. 95-169-6-4 Photographe	d and inspected December 1995
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· Eloon	o Motor					Item No. 17
Condition:						<u> </u>
					•	•
Significance Matrix	<u> </u>			State His	storical Themes:	•
	esthetic	Social	Technology/ Research Potential	Category		Industrial Relic
Rare 🔲				Themes	☐ 13 Transport	
Repres-					☐ 15 Utilities ☐ 16 Industry	
entative 🔲					☐ 18 Technology	
					☐ 20 Government Adri	inistration
Statement of Signif	icance			· ,		3 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Conservation Polic	y:					
					2	
Remove to Bay 15 fo	or furthe	r assess	ment.			
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				**	•	
Policy Implementat	ior:					
	ion:	v ^e		•		
	ion:	e.				
	ion:				.*	
	ion:			•		
	ion:					
Relocate to Bay 15.						
Relocate to Bay 15.						
Policy Implementat Relocate to Bay 15. Maintenance Sched						_
Relocate to Bay 15.						_
Relocate to Bay 15.						_
Relocate to Bay 15. Maintenance Sched						
Relocate to Bay 15. Maintenance Sched						-
Relocate to Bay 15. Maintenance Sched						-
Relocate to Bay 15.						-
Relocate to Bay 15. Maintenance Sched						

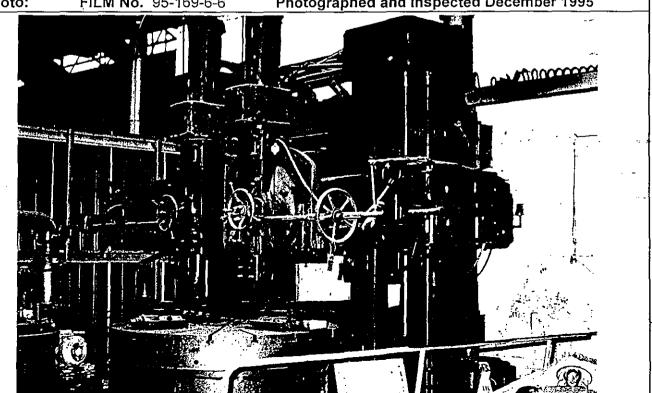
1996

Name Plate: Associated Items: Individual Assemblage □ Collection □ System □ Operational Groups □	
Individual ☑ Assemblage □ Collection □ System □	
Assemblage Collection System	
Collection System	
System	
•	
Operational Crowns B	_
Operational Groups	
Description: This small electric motor formerly flexibly of age: The motor and the assembled parts are of unknown posts. The moved to Chullora for disposal; 2. moved to Bay 15 for further assessment.	•
History:	••••
Function and Operation:	Location: Bay 4 North 6 West
Photo: FILM No. 95-169-6-5 Photographed	l and inspected December 1995



Item Name: Electric Motor and Parts				Item No. 176
Condition:			· · · · · · · · · · · · · · · · · · ·	
Significance Matrix		State His	storical Themes:	-•*·
Historical Aesthetic Social	Technology/ Research	Category		Industrial Relic
Rare 🔲 🔲	Potential	Themes	☐ 13 Transport	
			☐ 15 Utilities	
Repres- entative			16 Industry	
_ .	<u> </u>		☐ 18 Technology☐ 20 Government Adri	ninistration
Statement of Significance		<u> </u>		7. 4
	•			
Conservation Policy:				•
Remove to Bay 15 for further assessm	ient.			
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		·		•
Policy Implementation:			· · · · · · · · · · · · · · · · · · ·	
Policy Implementation:	,	•	···	· · · · · · · · · · · · · · · · · · ·
Policy Implementation: Relocate to Bay 15.		•	···	
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		•	······································	
Relocate to Bay 15.				
Relocate to Bay 15.				× 2
Relocate to Bay 15.				~ P
Relocate to Bay 15.				
				- A
Relocate to Bay 15.				
Relocate to Bay 15. Maintenance Schedule				
Relocate to Bay 15. Maintenance Schedule				- A
Relocate to Bay 15. Maintenance Schedule				
Relocate to Bay 15.				
Relocate to Bay 15. Maintenance Schedule				

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINER	Y CONSERVATION	19 96 –
Item Name: The Single Bed Vertical Borer with Dual Head	Is	Item No. 177
Name Plate:		
Associated Items:		
Individual 🗹		•
Assemblage 🔲		
Collection		
System		_
Operational Groups 🔲	•	7'
Description: This large machine which is in excess of t	three metres long, two m	netres long an
almost four metres high is a very large vertical boring mach		
is set up on a large horizontal chuck and the two tool ho		
tandem or to carry out different operations on either side of		
to cut at an angle. This tapered setting, along with the extr	aordinarily robust constru	iction made th
a most versatile machine tool.	-	
	··	
History: The Single Bed Vertical Borer by Richards was		
1955. It remained here until it was moved to Bay 4 after the	e closure of the Workshor	os in 1899
Function and Operation: The Borer was used on a wide	Location: Bay 4 North	6 Mest
range of cylinders and general work for both steam and	Location: Bay 4 North	O vvest
diesel locomotives.		
ileser rocomotives.		
	 	
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		9
	 	
		12
	 	- 13
	4A 4 3 2	15
	4A 4 3 2	1
Photo: FILM No. 95-169-6-6 Photographed	and inspected Decemb	er 1995
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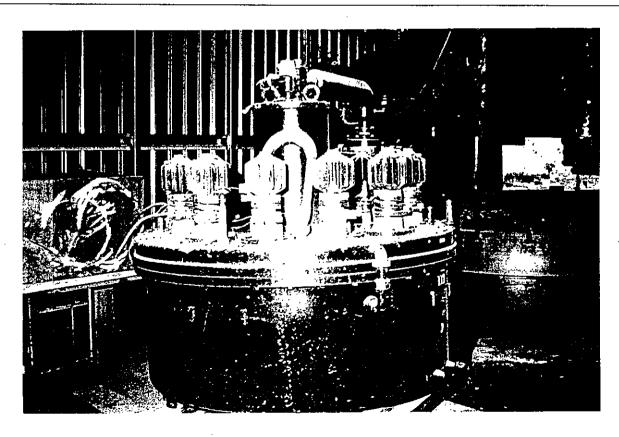
GODDEN MACKAY PTY LTD, 78 GEORGE ST, REDFERN NSW 2016 PH: (02) 319 4811

1996.__

		jie bea ve	I lical Doi	er with Dual F	leaus		ltem I	NO. 1	
Conditi	on:							· · · · ·	
_		m appears d, serviced			dition provi	ding power sources	s are conne	cted	and
The exte	ern <u>a</u> l surfa	ace of the i	item has	patches of su		st and bare metal.			
Signific	ance Mat		0 : 1		State His	storical Themes:			
	Historical.	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item	🔲 Industri	al Reli	ic
Rare	×			×	Themes	☐ 13 Transport☐ 15 Utilities			
Repres-	×			×		☐ 16 Industry			
entative		ч.		2		18 Technology			
						20 Government And the Eveleigh Loc			
The item			-		stened to	a bed close to the	location of	the o	one
		•		erveu.					
All externust is to such as	be remo	ces are to ved or trea SIS fluid o	be clear ited. All r polycry	ned and degre external surfa	ces are to All interna	g appropriate meth be treated with an surfaces to be cle V).	appropriate	seal	lant
All extenust is to such as	nal surfact be remote Shell EN	ces are to ved or trea SIS fluid o	be clear ited. All r polycry	ned and degre external surfa stalline wax.	ces are to All interna	be treated with an surfaces to be cle	appropriate	seal	lant
All externust is to such as All gearb	nal surface be remove Shell ENS box oil cha	ces are to ved or trea SIS fluid o anged. Co	be clear ited. All r polycry	ned and degre external surfa stalline wax.	ces are to All interna	be treated with an surfaces to be cle	appropriate	seal	lant
All externust is to such as All gearb	nal surfact be remote Shell EN	ces are to ved or trea SIS fluid o anged. Co	be clear ited. All r polycry	ned and degre external surfa stalline wax.	ces are to All interna	be treated with an surfaces to be cle	appropriate	seal	lant
All externust is to such as All gearb	nal surface be remove Shell ENS box oil cha ance Sch	ces are to ved or trea SIS fluid o anged. Co	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externous is to such as All gearb	nal surface be remove Shell ENS box oil cha ance Sch	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externous is to such as All gearb	nal surface be remove Shell ENS box oil cha ance Sch	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externous is to such as All gearb	nal surface be remove Shell ENS box oil cha ance Sch	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All extentust is to such as All gearb	nal surface be remove Shell ENS box oil char ance Schall externa ementation	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externust is to such as All gearb	nal surface be remove Shell ENS box oil char ance Schall externa ementation	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externust is to such as All gearb	nal surface be remove Shell ENS box oil char ance Schall externa ementation	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externust is to such as All gearb	nal surface be remove Shell ENS box oil char ance Schall externa ementation	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.
All externust is to such as All gearb	nal surface be remove Shell ENS box oil char ance Schall externa ementation	ces are to ved or trea SIS fluid o anged. Co nedule	be clear ited. All r polycry nserve.	ned and degre external surfa stalline wax. Relocate to ne	ces are to All interna ew bay (91	be treated with an surfaces to be cle	appropriate	seal greas	ant ed.

1996---

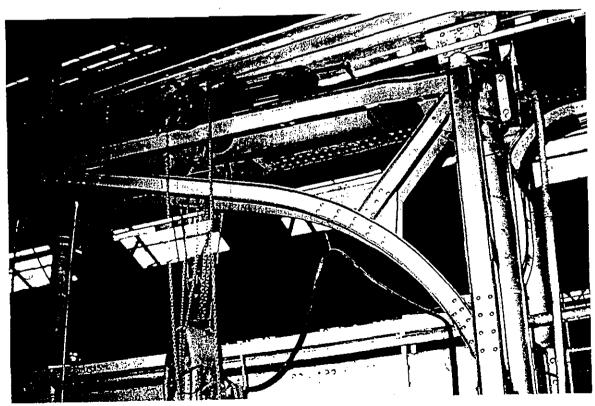
Item Name: Rectifier	Item No. 178
Name Plate:	
Associated Items:	
Individual 🗹	
Assemblage	
Collection	
System	• • *
Operational Groups	
Description: This large mercury arc red	tifier moved to Bay 15 for further assessment.
History:	
Function and Operation:	Location: Bay 4 North 6-7 West
Photo: FILM No. 95-169-6-7	Photographed and inspected December 1995



Item Name: Rectifie	er						Item	No. 1	7 <u>8</u>
Condition:				 .,			<u></u>		
oonanion.			ı						
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01 10				04-4-11:-	4		'`		· ·
Significance Matrix Historical As	(esthetic	Social	Technology/		storical Ther				
	•		Research Potential	Category	☐ Moveable	Item	Industri	ial Relic	;
Rare 🔲	□.			Themes	☐ 13 Transp				
Repres-					☐ 15 Utilitie:☐ 16 Industr				
entative 🔲					18 Techno	=	•		
					20 Govern		ninistratio	n	-
Statement of Signif	icance			<u></u>	-		<u>.</u>		~.
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Conservation Polic	v:			· · · · · · · · · · · · · · · · · · ·			·		
Remove to Bay 15 fo		r aggegeei	ment						
Romovo to Day 13 to	/ Tal (110)	1 0330331	HUIL.						
	÷		·						
Policy Implementat	ion:	·				· .			
	ion:	·				· .		<u>.</u>	
	ion:							<u>.</u>	
	ion:							<u>.</u>	***************************************
	ion:								
Relocate to Bay 15.									
Relocate to Bay 15.								-	4. D=
Relocate to Bay 15.									*4. Jh =
Policy Implementat Relocate to Bay 15. Maintenance Sched									4. Ja
Relocate to Bay 15.									
Relocate to Bay 15.									-4. Ja -
Relocate to Bay 15. Maintenance Sched									4. D-
Relocate to Bay 15.									74. 373 -
Relocate to Bay 15.									
Relocate to Bay 15.									4. D-
Relocate to Bay 15.									-1. Fa -

1996

		Litom No. 170
Item Name: The Pneumatic Gap Riveter	÷	Item No. 179
Name Plate:		
Associated Items:		
Individual		
Assemblage		
Collection	•	
System		
Operational Groups		••·
Description: This riveter was used in conjunction	with boiler mak	ing and spring making
technologies. The gap riveter itself was placed over the	items to be rive	eted and pressure to the
dollies was applied through a pneumatic hydraulic hose.		
History: The item was established in the workshops in 19	346. It is not kno	own where it was located
originally or when it was placed in this location.		
Function and One actions AVA	Lacation, Day	No
Function and Operation: N/A	Location: Bay	y 4 North
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		,
Y		
		•
		•
Photo: FILM No. Photographed	and inspected	December 1995



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION 1996.... Item Name: Pneumatic Gap Riveter Item No. 179 Condition: In general, the item appears to be in operable condition providing power sources are connected and the item is cleaned, serviced and tested. The external surface of the item has patches of superficial rust and bare metal. The painted surface of the item is deteriorating. State Historical Themes: Significance Matrix Historical Aesthetic Social Technology/ Research Category ☐ Moveable Item ☐ Industrial Relic Potential ☐ 13 Transport Themes Rare ☐ 15 Utilities Repres-☐ 16 Industry × × entative ☐ 18 Technology ☐ 20 Government Administration Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with their operation for over 40 years. The item and its operation is easy to interpret from its existing fabric. The item exhibits a high degree of structural integrity. **Conservation Policy:** The item is to be retained in its present location and be preserved as part of the Riveting system to which it belongs. The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.

Policy Implementation:

All external surfaces are to be cleaned and degreased using appropriate methods. All superficial rust is to be removed or treated. All external surfaces are to be treated with an appropriate sealant such as Shell ENSIS fluid or polycrystalline wax. Conserve in situ.

Maintenance Schedule

Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.

Interpretation:

1996___

Item Name: The Overhead Crane		Item No. 196
Name Plate: N/A		<u> </u>
Associated Items: Individual Assemblage Collection EOHT Cranes 196, 197, 202, 20 System Operational Groups Spring Shop 123-125, 149-157, Description: This overhead crane was built at the workshold It has a rating of 25 ton and is used for general work through lattice and plate girder beam crane which is electrically possible.	159, 161 pps by Sir William Arrowfi ighout the workshops. It	is a composite
cabin slung beneath the beam.		
History: The history of the item is unknown.		
Function and Operation: The crane was operated from the cabin by three motor controllers. One motor operated the longitudinal travel, one the transverse travel of the carriage and one the hoist.	Location: Bay 4 North	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 1
Photo: FILM No. Photographed	and inspected Decemb	er 1995

Photo to come.

FVFL	FIGHT	LOCOMOTIV	F WOR	KSHOPS	MACHINERY	CONSERVATION
_ v			L VVOI	COLICE	MMOTHIALL	COMPENANTOM

1996–

Item Name: Overhead Crane	Item No. 196
Condition: In general, the item appears to be in	operable condition providing power sources are
	d tested. The external surface of the item has
patches of superficial rust and bare metal.	
Significance Matrix	State Historical Themes:
Historical Aesthetic Social Technology/ Research Potential	Category
Rare 🗵 🖸 🗵	Themes 13 Transport
Repres-	☐ 15 Utilities
entative	☐ 16 Industry
	☐ 18 Technology
	20 Government Administration
Statement of Significance: The item was an into being associated with their operation for over 60 Shop. The item is impressive in size and form a item has research and education potential for depractice. The item will yield information on the nation	years. The item is an integral part of the Spring and exhibits a unity in its design and detail. The eveloping an understanding of early engineering
high degree of structural integrity.	
Conservation Policy: The item is to retained in its Spring Shop and overhead crane collection to who being cleaned, serviced and maintained according schedules given below.	nich it belongs. The item is to be preserved by
Policy Implementation:	
All external surfaces are to be cleaned and degree rust is to be removed or treated. All external surfaces such as Shell ENSIS fluid or polycrystalline wax covered to prevent ingress of dust. Conserve. Ma	ces are to be treated with an appropriate sealant All moving parts of electric motors are to be
Maintenance Schedule	:
Inspect all external surfaces for rust every 12 mon	ths. Where necessary, coat as recommended in
the implementation section.	
	·
Interpretation:	
	· •
	<u> </u>

Item Name: Overhead Crane		Item No.	202
Name Plate: N/A			
Hallo Field. 1477			
Associated Items:			
Individual 🔲	•		
Assemblage 🗀			
Collection			
System 🗖			
Operational Groups			
Description: PHOTOGRAPH TO COME	=	<u> </u>	
	_		
	•		
		-	
listory:			
	•		
unction and Operation:	Location: Bay 4 North		
		1	
		2 3	
	\ \\\\\\\	5	
		7	
		8 9	
		10	
•		11	
		13	
		14	
•	4A 4 3 2		
Photo: FILM No.	Photographed and inspected Decemb	er 1995	
			
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION
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1996---

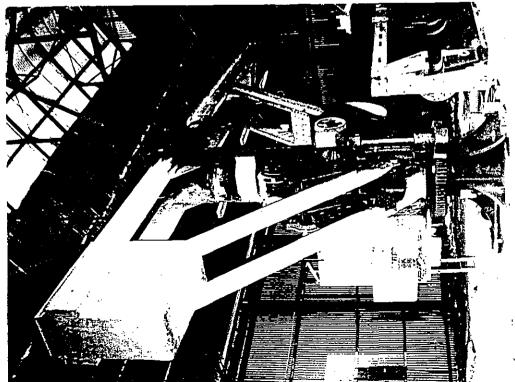
Item Nar	ne: Over	head Cra	ne L8				Item No. 202	
connecte	d and th	e item is		serviced and	•	condition providing po The external surface		
Significa	nce Mat	rix			State His	storical Themes:		
_	Historicat	Aesthetic	Social ,	Technology/ Research Potential	Category	<u> </u>	Industrial Relic	.
Rare	X	X		×	Themes	🗖 13 Transport		,
				•		☐ 15 Utilities		
Repres-	-				}	☐ 16 Industry	ł	{
entative	×	u	u	u		18 Technology		
						20 Government Adm	inistration	1
Stateme	nt of Sia	nificance	: The iter	n was an inte	gral part o	of the Eveleigh Locom	otive Workshops	(
assembla The item engineeri exhibits a	ige. The has re ng praction high deg	item is in esearch a ce. The it gree of stro	npressive and educ em will yie uctural int	in size and fation potentiald information egrity.	orm and e al for de n on the n	ne item is an integral exhibits a unity in its developing an understrature of past work pra	esign and detail. anding of early ctices. The item	
Davy ass to its pow	emblage er source	and overh	nead crane de operati	e collection to onal. The ite	which it bem is to be	ecation and be preservelongs. The item is to preserved by being cance schedules given	be reconnected leaned, serviced	
Policy Im	plement	ation:		· · · · · ·		· · · · · · · · · · · · · · · · · · ·		
rust is to such as	be remov Shell EN	red or trea SIS fluid	ited. All e or polycry	xternal surfa stalline wax.	ces are to All movi	g appropriate methods be treated with an app ng parts of electric m n in same bay.	propriate sealant	
Maintena	nce Sch	edule						1
Inspect al the impler			for rust e	very 12 mont	hs. Wher	e necessary, coat as r	recommended in †	{ ·
				•	•			- 1
		r						
							<u> </u>	.
				·	•			•
Interpreta	ation:							
			•	•			-	
								- 11

1996----

Item Name: Height Setting Tables	Ite	em No. 205A-0
Name Plate:	<u>_</u>	·····
Associated Items: Individual Assemblage Collection System Operational Groups Spring Shop 123-125, 149-157, Description: A large table with timber frame and two timout surface.		t iron settin
History: The history of the item is unknown but is certainly	pre-World War 1.	
Function and Operation: Used for Spring Shop fitters for setting out springs.	Location: Bay 4A North	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 1
Photo: FILM No. Photographed	and inspected December	1995
	200	

•	ne: nek	ght Setting	Tables	<u> </u>	· <u>·</u>	<u> </u>	Item No.205a-c
S = == di4: =			<u> </u>				
Conditio	on:						
Γhe item	is in goo	d/exceller	nt operatir	ng condition.			
			•	•			
	nificance Matrix Historical Aesthetic Social Technology/			T	State Historical Themes:		
	Historicai	Aestnetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare	Q .				Themes	☐ 13 Transport	
Repres-						15 Utilities	
entative	×	ш				16 Industry	
	_	_	_	_		18 Technology	inintratio-
				,	<u> </u>	20 Government Adm	mistration
	_	nificance					Section of the section
peration	for ove	r 50 year	s. The i	item is signifi	cant to a	Vorkshops being asso large number of form al part of the Spring S	er workers and
group.	-				_		
onserv	ation Po	licy:				<u> </u>	
		•	ito proce	ent location or	close by s	and he processed as a	art of the Spring
		Group to			close by a	and be preserved as pa	art of the Spring
	nplemen	tation:	····		· <u>-</u>		
Policy Im	al surfaction	ces are to ved or trea	ated. All	•		g appropriate methods be treated with an app	•
Policy Im All extern ust is to such as S	nal surfac be remo Shell ENS	ces are to ved or trea	ated. All o polycrys	external surfactalline wax.		• • •	•
Policy Im all externates to ust is to uch as S	nal surfac be remo Shell ENS	ces are to ved or trea SIS fluid or	ated. All o polycrys	external surfactalline wax.		• • •	•
Policy Im Il externust is to uch as S	nal surfac be remo Shell ENS	ces are to ved or trea SIS fluid or	ated. All o polycrys	external surfactalline wax.		• • •	•
Policy Im All extern ust is to such as S Conserve	nal surfac be remo Shell ENS	ces are to ved or trea SIS fluid or eposition in	ated. All o polycrys	external surfactalline wax.		• • •	•
Policy Im All extern ust is to uch as S Conserve	nal surfact be remo Shell ENS . May re	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	• • •	ropriate sealant
Policy Im All extern ust is to uch as S Conserve	nal surfact be remo Shell ENS . May re Ince Sch	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	be treated with an app	ropriate sealant
Policy Image In extern ust is to uch as Sconserve	nal surfact be remo Shell ENS . May re Ince Sch	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	be treated with an app	ropriate sealant
Policy Im All extern ust is to uch as S Conserve	nal surfact be remo Shell ENS . May re Ince Sch	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	be treated with an app	ropriate sealant
Policy Im All extern ust is to such as S Conserve	nal surface be remonshell ENS e. May res unce Sch	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	be treated with an app	ropriate sealant
Policy Im All extern ust is to uch as S Conserve Maintena	nal surface be remonshell ENS e. May res unce Sch	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	be treated with an app	ropriate sealant
Policy Im Ill extern ust is to uch as S Conserve Taintena	nal surface be remonshell ENS e. May res unce Sch	ces are to ved or trea SIS fluid or eposition in redule	ated. All o polycrys n same ba	external surfactalline wax.	ces are to	be treated with an app	ropriate sealant

EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION	1996
Item Name: Wheel Shop Crane	Item No. 208
Name Plate: No nameplate. Following marks: Henry Berry and Co. Leeds, SWL 3 LC40	7 TONNE, Class
Associated Items: Individual Assemblage Collection System Operational Groups Wheel Pressing 208, 209, 210, 211 Description: The crane consists of a heavy cast-iron pedestal which supports a and a vertical king post. Suspended from the king posts is a rotatable crane consists of a horizontal jib, a vertical mast surrounding the king post, a pair of diag a heavy counter weight. The operators cabin is also suspended from the king pothe crane assembly are three electric motors, drive chains and rope tackle to enable to the crane assembly are three electric motors, drive chains and rope tackle to enable the crane was installed in the wheel press shop in 1917 or 1918	assembly which onal braces and st. Mounted on able loads to be
continuously from that time until its decommissioning in 1988. It was then dismantle Bay 4A for storage.	
Function and Operation: The cranes were installed to lift and maneouvre bogies or bogy sets and individual wheels over the wheel press itself and onto the ring machine. The crane was operated by the crane driver using three motor controllers located within the cabin. Location: Bay 4A North Annual Controllers and individual wheels over the wheel press itself and onto the ring machine. The crane was operated by the crane driver using three motor controllers located within the cabin.	1 2 3 4 4 5 5 6 6 7 7 8 9 10 11 12 13 14 15 15
Photo: FILM No. 93-169-1-20 Photographed 1993. Inspected Decei	mber 1995
	·



	1996
tem Name: Wheel Shop Crane	Item No. 208
condition: In general, the item appears to be in operable condition providing power onnected and the item is cleaned, serviced and tested. The external surface of atches of superficial rust and bare metal.	
ignificance Matrix State Historical Themes:	
Historical Aesthetic Social Technology/	ndustrial Relic
are	
epres-	1
ntative	
☐ 20 Government Admin	istration
impressive in size and form and exhibits a unity in its design and detail. The item nd education potential for developing an understanding of early engineering practice ield information on the nature of past work practices. The item exhibits a high degree itegrity. Onservation Policy: The item is to be preserved by being cleaned, reassembled	. The item will ee of structural
print-in-al propaging to the probabile below	
naintained according to the schedule below.	
naintained according to the schedule below.	
olicy Implementation:	
olicy Implementation: Il external surfaces are to be cleaned and degreased using appropriate methods. ust is to be removed or treated. All external surfaces are to be treated with an appro	
olicy Implementation: Il external surfaces are to be cleaned and degreased using appropriate methods. Ist is to be removed or treated. All external surfaces are to be treated with an approuch as Shell ENSIS fluid or polycrystalline wax. Grease as appropriate.	

Inspect every 3 years.

Interpretation:

1996---

Item Name:	Wheel Shop Cr	ane			Item No. 209
Name Plate:	No nameplate.	Following marks:	Henry Berry and	Co. Leeds, SWL 7	TONNE, Class
3 LC41					
Associated	Items:				-
Individual					•
Assemblage					
Collection					
System				•	-4°
Operational G	Groups 🗹 W	heel Pressing 208	, 209, 210, 211		
Description:	The crane cor	nsists of a heavy o	cast-iron pedesta	l which supports a	large ring gear

Description: The crane consists of a heavy cast-iron pedestal which supports a large ring gear and a vertical king post. Suspended from the king posts is a rotatable crane assembly which consists of a horizontal jib, a vertical mast surrounding the king post, a pair of diagonal braces and a heavy counter weight. The operators cabin is also suspended fro the king post. Mounted on the crane assembly are three electric motors, drive chains and rope tackle to enable loads to be hoisted, traversed or slewed.

History: The crane was installed in the wheel press shop in 1917 or 1918. It operated continuously from that time until its decommissioning in 1988.

Function and Operation: The cranes were installed to lift and maneouvre bogies or bogy sets and individual wheels over the wheel press itself and onto the ring machine. The crane was operated by the crane driver using three motor controllers located within the cabin.

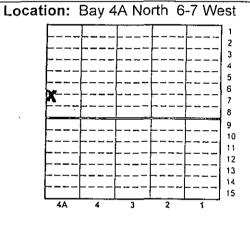


Photo: FILM No. 93-169-3-8A Photographed and inspected December 1995



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		HIVE	WORKS	SHUPS MAI	CHINERY	CONSERVATION	199 6
Item Name:	VVheel SI	hop Cr	ane				Item No. 209
	and the ite	em is o	cleaned,	serviced and	•	condition providing po The external surface	
Significance	e Matrix				State His	storical Themes:	
-	•	hetic	Social	Technology/ Research Potential	Category	<u></u>	Industrial Relic
Rare 🗆	1				Themes	□ 13 Transport	
Januara Tanuara			•			15 Utilities	
Repres- entative ☐	ו		-			16 Industry	
intative —	•	_	\	_	,	18 Technology	
	7				ĺ	20 Government Admi	inistration
	•	l for de	eveloping	ı an understa	ndiṅg of ea	ign and detail. The ite arly engineering practio	ce. The item will
vield informa ntegrity, Conservatio	on Policy:	I for de natur	eveloping re of past	an understa t work praction be preserve	nding of ea	ign and detail. The ite	em has research ce. The item will gree of structural
rield informa ntegrity.	on Policy:	I for de natur	eveloping re of past	an understa t work praction be preserve	nding of ea	ign and detail. The ite arly engineering practic em exhibits a high deg	em has research ce. The item will gree of structural
vield informa ntegrity. Conservatio naintained a	etion on the on Policy: according t	I for de e natur The i o the s	eveloping re of past	an understa t work praction be preserve	nding of ea	ign and detail. The ite arly engineering practic em exhibits a high deg	em has research ce. The item will gree of structural
vield informa ntegrity, Conservatio	etion on the on Policy: according t	I for de e natur The i o the s	eveloping re of past	an understa t work praction be preserve	nding of ea	ign and detail. The ite arly engineering practic em exhibits a high deg	em has research ce. The item will gree of structural
vield informantegrity. Conservationaintained a Policy Imple All external sust is to be re-	on Policy: according to	The ion the sort treat	eveloping re of past tem is to chedule re cleane ed. All e	an understate work practice be preserved below.	nding of earlies. The items of by being ased using ces are to	ign and detail. The ite arly engineering practic em exhibits a high deg g cleaned, reassemble g appropriate methods be treated with an app	em has research ce. The item will gree of structural ed, serviced and s. All superficial
rield informantegrity. Conservationaintained a Policy Imple All external sust is to be rouch as Shel	on Policy: according the ementation surfaces a removed of the ENSIS floor	The of the sort treat uid or process.	eveloping e of past item is to ochedule e cleane ed. All e	an understate work practice be preserved below.	ased using ces are to trease as a	ign and detail. The ite arly engineering practic em exhibits a high deg g cleaned, reassemble g appropriate methods be treated with an app	em has research ce. The item will gree of structural ed, serviced and s. All superficial
conservation anional a	ementation entre de la confección de la	The to the sort treat uid or potric mo	eveloping re of past tem is to chedule de cleane ed. All e colycrystators are	an understate work practice be preserved below.	ased using ces are to trease as a	ign and detail. The ite arly engineering practic em exhibits a high deg g cleaned, reassemble g appropriate methods be treated with an appappropriate.	em has research ce. The item will gree of structural ed, serviced and s. All superficial

Interpretation:

1996---

Item Name: The Flange PressItem No. 210Name Plate: B & S Massey Ltd Manchester, England. NSWTD HT 3753 SO.Associated IndividualItems:
Associated Items: Individual
Individual
Assemblage
Assemblage Collection
System
Operational Groups Wheel Pressing 208, 209, 210, 211
Description: The Press consists of an upright chassi housing a drive mechanism and hydraulics
and a set of horizontal wheel support arms near the floor level. The chassi is 1240mm long,
830mm wide and stand 1460 mm high. The chassi is in two sections, comprising a hollow base
1330 high of cast iron or cast steel with a wall thickness of 40mm and a ferrous cap 160mm high.
The machine itself is complex and each one of the parts of the machine consists of several items.
History: This Flange Press or Rim Press was originally located at Chullora Workshops and was
transferred to Eveleigh in 1965. Its construction and mode of operation indicates that it was
manufactured prior to World War I.
Function and Operation: The Flange Press was Location: Bay 4 North 3-4 East specifically designed to lock rims onto the wheel centre. It
is believed a circlip was placed into a recess on the outer
edge of the wheel and the edge of the rim was rolled over
this circlip to retain it. None of the informants interviewed
had seen the Flange Press in operation.
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11 12 13
11 12 13 14 15
11 12 13 14
11 12 13 14 15
11 12 13 13 14 15 15
11 12 13 13 14 15 15
11 12 13 13 14 15 4A 4 3 2 1
11 12 13 13 14 15 4A 4 3 2 1
11 12 13 13 14 15 4A 4 3 2 1
11 12 13 13 14 15 15
11 12 13 13 14 15 15
11 12 13 13 14 15 15
11 12 13 13 14 15 4A 4 3 2 1
11 12 13 13 14 15 4A 4 3 2 1
11 12 13 13 14 15 15

1996___

Item Name:	The Flange f	Press				Item No. 210
Condition:		 ,		<u></u>		
	eaned, servic				ding power sources are e of the item has patch	
Significance	e Matrix		<u>,,</u>	State His	storical Themes:	
Histo		Social	Technology <i>l</i> Research Potential	Category	☐ Moveable Item ☐	Industrial Relic
Rare \Box		Q		Themes	☐ 13 Transport ☐ 15 Utilities	
Repres- entative					☐ 16 Industry ☐ 18 Technology	
					20 Government Admi	nistration
Statement of	f Significanc	e		<u></u>	*	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
operation for group. The which had ge now rarely a developing a	over 20 yea item is a lar eneral enginee evident in ope n understand	rs. The it ge, rare, in ring applicating work rating work ing of early	em is an intondustrial piece ation. The ite kshops. The rengineering	egral part e exhibitin em represe item has practice.	Vorkshops being associated of the Wheel Press signals and cast-iron counts former manufacturing research and education The item will yield inforce of structural integrity.	hop operational onstruction and ng technologies on potential for ormation on the
Conservation	n Policy:					
	aned, service				ays 1-4a. The item is the implementation an	
Policy Imple	mentation:					
superficial ru appropriate s	ist is to be r	emoved or is Shell EN	treated. A	ll external	eased using appropriat surfaces are to be t lline wax. Displayed in	reated with an
Maintenance	Schedule		·····	<u>-</u>		
Inspect all ex implementati		s for rust e	very 3 years.	Where ne	cessary, treat as recon	nmended in the
) <u>-</u>
Interpretatio	n:					
	•					
						-

1996

	Item No. 211
Name Plate: Fielding and Platt Ltd, Gloucestor, England. There were no other re-	adily observable
markings. Associated Items:	· · · · · · · · · · · · · · · · · · ·
Associated items:	
Assemblage	
Collection	
System	
Operational Groups Wheel Pressing 208, 209, 210, 211	•
Description: The Wheel Press consists of a massive vertical frame, the horizontal	al hars of which
support a hydraulic ram and a massive cast steel retaining bar which held the	
assemblies, the wheels of which were to be removed or pressed on. The Wheel Pr	_ ,
metres long, 3 metres high and about 1 metre wide. Its mass is estimated at 10 toni	· ·
History: The item was installed in the Wheel Press Shop in 1917. It has remained	
and was used until about 1986. A new Wheel Press was located in Bay 9 of the	•
his press was used only on certain occassions.	
Function and Operation: The Wheel Press was used to Location: Bay 4A Nort	h 2 West
press newly tired wheels or new wheels onto axles. It	
was also used to remove wheels from axles for re-tiring or	
epair. The bogey assembley, or axle, was placed in	3 4
grooves in the support mechanism and the wheel was	5
oushed on or taken off by hydraulic pressure generated	
by the Wheel Press itself.	8 9
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│	11 12
	13
	14 15
4A 4 3 2	
· · · · · · · · · · · · · · · · · · ·	1
44 4 3 2	1
Photo: FILM No. 93-169-1-10 Photographed and inspected December	
	per 1995

14 16 1						CONSERVATION	1996
tem Na	me: The	vvneei Pr	ess			•	Item No. 211
connect	ed and th	e item is	cleaned,	serviced and	d tested.	condition providing po The external surface ce of the item is deteri	of the item has
Signific	ance Mat				State His	storical Themes:	
Signific	Historical	Aesthetic	Social	Technology/ Research Potential	Category		 Industrial Relic
Rare					Themes	☐ 13 Transport	
Donres	-			•		15 Utilities	
Repres- entative				П		☐ 16 Industry	
Untalive		_	J	.		☐ 18 Technology	
						20 Government Adm	unistration
number	or rormer	workers a		•	i interest s	ocieties. The item an	
	nterpret fr	om its exi	sting fabr	ic.			u its operation is
easy to i	· 		sting fabr	ic.			u its operation is
conserv	vation Pol	icy:			. ,		
easy to i	vation Pol	icy:			nd preserv	ed according to the So	
conserv	vation Pol	icy:			nd preserv	ed according to the So	
conserv	vation Pol	icy:			nd preserv	ed according to the So	
conserving to item	vation Pol	icy: elocated t			nd preserv	ed according to the So	
Conserv The item Policy In	vation Pol n is to be re mplement	icy: elocated t ation: be strippe	o any Bay	y beside 4A a	d and dried	I, all bearings and glar	chedule below.
Conservent The item Policy In the mackinternal I	vation Pol n is to be re mplement chine is to pare metal	icy: elocated t ation: be strippe surfaces	ed, all cyli	y beside 4A a	d and dried eased to pr	I, all bearings and glar	chedule below.
Conserve The item Policy In The madinternal I	vation Pol n is to be re mplement chine is to pare metal	icy: elocated t ation: be strippe surfaces electric m	ed, all cyli are to be	y beside 4A a	d and dried eased to pr	I, all bearings and glar event rust.	chedule below.
Conserve The item Policy In The madinternal I All moving Relocated	vation Pol n is to be re mplement chine is to pare metal	icy: elocated t ation: be strippe surfaces electric m ay beside	ed, all cyli are to be	y beside 4A a	d and dried eased to pr	I, all bearings and glar event rust.	chedule below.

implementation section.

Interpretation:

1996

Name Plate: Associated Items: Individual Assemblage Collection System Operational Groups Description: The Hydraulic Pipe Bender consists of a truly may be described as over-designed. It has a hydraulic ram which is two large rotating mandrils, dies in which the pipe is pressed. History: There is no information on the history of this item. Function and Operation: The item was operated by the plumbers and coppersmiths. A pipe to be bent was placed between the dies and a specially shaped mandril. In some cases the mandril was made from a block of		valve. There are
Individual Assemblage Collection System Operational Groups Description: The Hydraulic Pipe Bender consists of a truly may be described as over-designed. It has a hydraulic ram which is two large rotating mandrils, dies in which the pipe is pressed. History: There is no information on the history of this item. Function and Operation: The item was operated by the plumbers and coppersmiths. A pipe to be bent was placed between the dies and a specially shaped mandril.	fitted with a return v	valve. There are
Operational Groups Description: The Hydraulic Pipe Bender consists of a truly made described as over-designed. It has a hydraulic ram which is two large rotating mandrils, dies in which the pipe is pressed. History: There is no information on the history of this item. Function and Operation: The item was operated by the plumbers and coppersmiths. A pipe to be bent was placed between the dies and a specially shaped mandril.	fitted with a return v	valve. There are
be described as over-designed. It has a hydraulic ram which is two large rotating mandrils, dies in which the pipe is pressed. History: There is no information on the history of this item. Function and Operation: The item was operated by the plumbers and coppersmiths. A pipe to be bent was placed between the dies and a specially shaped mandril.	fitted with a return v	valve. There are
plumbers and coppersmiths. A pipe to be bent was placed between the dies and a specially shaped mandril.	ation: Bay 4A Nor	rth 5-6 East
oregon. The hydraulic was allowed into the ram by means of a lever and the mandril moved onto the pipe which was supported against the dies and was bent through the desired angle. The bent pipes were used for a wide variety of functions throughout the workshop.	4A 4 3	2 3 5 6 7 8 9 10 11 12 13 14 15 2



EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONS	SERVATION
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1996---

n general, the item appears to be in operable condition providing power southe item is cleaned, serviced and tested. The external surface of the item hust and bare metal. The painted surface of the item is deteriorating. Significance Matrix Historical Aesthetic Social Technology/	
he item is cleaned, serviced and tested. The external surface of the item hust and bare metal. The painted surface of the item is deteriorating. Significance Matrix Historical Aesthetic Social Technology/	
Historical Aesthetic Social Technology/	****
Historical Aesthetic Social Technology/	
Research Category Moveable It	•
lare 🔲 🔲 🔲 Themes 🚨 13 Transpor	rt
Repres- 15 Utilities	
The first of the f	
18 Technolo	ogy nent Administration
xhibiting massive cast-iron construction and which had general engineering impressive in size and form and exhibits a unity in its design and detail, and education potential for developing an understanding of early engineering ield information on the nature of past work practices. The item and interpret from its existing fabric.	The item has research g practice. The item will
Conservation Policy: The item is to be relocated to any Bay except Bay 1-4A and preserved accept.	cording to the Schedule
elow.	
olicy Implementation:	·
he machine is to be stripped, all cylinders cleaned and dried, all bearings a sternal bare metal surfaces are to be dried and greased to prevent rust.	and glands repacked, all
If external surfaces are to be cleaned and degreased using appropriate rust is to be removed or treated. All external surfaces are to be treated with uch as Shell ENSIS fluid or polycrystalline wax.	
elocate to any Bay beside 4A.	
laintenance Schedule	.,
nspect all external surfaces for rust every 5 years. Where necessary, treat inplementation section.	as recommended in the
nterpretation:	

1996

Item Name: Hydraulic Press		Item No. 213
Name Plate: N/A		
Associated Items: Individual Assemblage Collection Collection Coperational Groups Coperation: This small hydraulic press Contury locomotive.		e cylinder of a 19
History: The history of the item is unknown	n.	
Function and Operation: The hydraulic p for compressing material prior to clampin original function is unknown.		4 NOTO 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 2 1
Photo: FILM No.	Photographed and inspected Dec	cember 1995
Planta to	5 CON 4 O	
Photo to	o come.	
Photo to	o come.	
Photo to	o come	
Photo t	o come	

1996

Condition: In general, the item appears to be in operable condition providing power sources are connected ar the item is cleaned, serviced and tested. The external surface of the item has patches of superficirust and bare metal. Significance Matrix Historical Aesthetic Social Technology/Research Historical Aesthetic Social Technology/Research Historical Aesthetic Social Technology/Research Historical Aesthetic Social Technology/Research Historical Themes: Category Moveable Item Industrial Refice Themes 13 Transport 15 Utilities Historical Themes: Rare	Item Name: Hydraulic Press				Item No. 213
the item is cleaned, serviced and tested. The external surface of the item has patches of superficirust and bare metal. Significance Matrix	Condition:	<u></u>		· · · · · · · · · · · · · · · · · · ·	<u></u>
Historical Aesthetic Social Technology/ Research Potential Rare	he item is cleaned, serviced and tested.				
Historical Aesthetic Social Technology/ Research Potential Rare	Significance Matrix		State His	torical Themes	
Representative	Historical Aesthetic Social Tec Res	search			Industrial Relic
Representative			Themes .	☐ 13 Transport	,
Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with the peration for over 50 years. The item evidences the versatility of the workshops in the manufacture of tools and machines. The item and its operation is easy to interpret from its existing fabric. The tem exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 15. Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, and ternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.				☐ 15 Utilities	
Statement of Significance The item was an integral part of the Eveleigh Locomotive Workshops being associated with the operation for over 50 years. The item evidences the versatility of the workshops in the manufactur of tools and machines. The item and its operation is easy to interpret from its existing fabric. The me exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 15. Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, and ternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.	·			-	•
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The item was an integral part of the Eveleigh Locomotive Workshops being associated with the operation for over 50 years. The item evidences the versatility of the workshops in the manufactur of tools and machines. The item and its operation is easy to interpret from its existing fabric. The mexhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 15. Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, anternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the implementation section.				☐ 20 Government Adm	inistration
operation for over 50 years. The item evidences the versatility of the workshops in the manufactural for tools and machines. The item and its operation is easy to interpret from its existing fabric. The tem exhibits a high degree of structural integrity. Conservation Policy: The item is to be removed to Bay 15. Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, anternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	Statement of Significance				
Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, a nternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	tem exhibits a high degree of structural in				•
Policy Implementation: The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, a nternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	Jonservation Policy:				
The machine is to be stripped, all cylinders cleaned and dried, all bearings and glands repacked, and ternal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	The item is to be removed to Bay 15.				
Internal bare metal surfaces are to be dried and greased to prevent rust. Maintenance Schedule Inspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	Policy Implementation:	<u> </u>			
nspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.					nds repacked, all
nspect all external surfaces for rust every 5 years. Where necessary, treat as recommended in the mplementation section.	Maintenance Schedule				
nterpretation:	nspect all external surfaces for rust every	5 years.	Where ne	cessary, treat as reco	mmended in the
Interpretation:				٠.	, <u>-</u>
	nterpretation:				
					: {
			•	•	_

1996 ____

Item Name:	6' Plate Rollers					Item No. 180
Name Plate:	NSWGR No. 78	2 Class RH				
Associated It	ems:					,
Individual	Ø					
Assemblage						•
System						
Collection		•				·
Description:	This set of plate	rollers which	are about	4 metres i	in overall lengt	h have an effectiv

Description: This set of plate rollers which are about 4 metres in overall length have an effective length of 6 feet or 1.8 metres. The rollers are adjusted manually at either end and were used for rolling boiler plate up to about 3/8 inch thickness.

History: The item was manufactured in the workshops probably late last century. The rollers would have been originally upgraded from a line shaft but now have a stand-alone electric motor of some antiquity attached to it.

Function and Operation: By adjusting the height of the top roller, the diameter of the sheet or plate being put through the rollers can be altered.

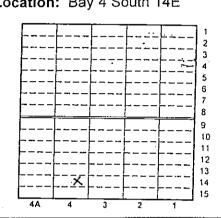
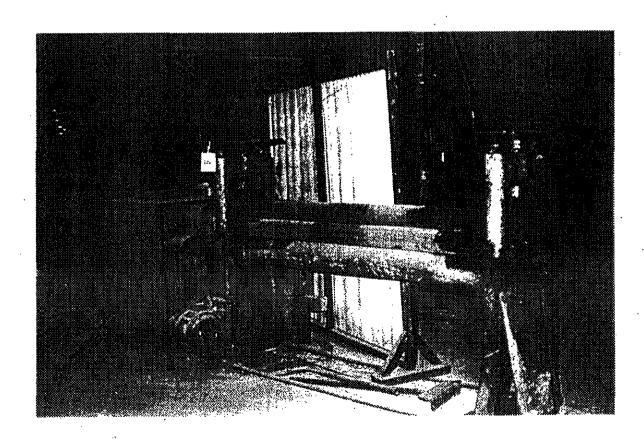


Photo: FILM No. 95-169-4-19

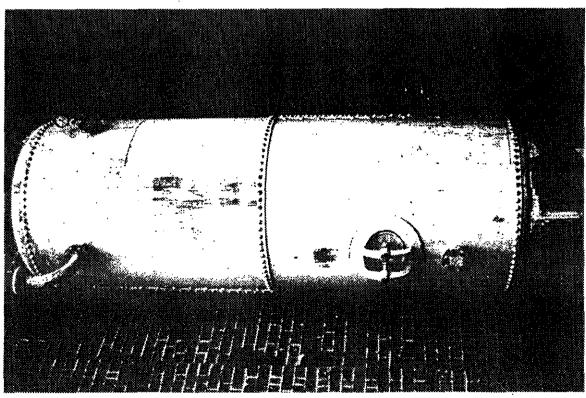
Photographed and inspected December 1995



Item Na	me: lib	Crane 100	WT		· · · · · · · · · · · · · · · · · · ·	CONSERVATION	Item No. 18	83
	<u> </u>					·	ttem rec. 10	
Conditi	on:					•		
The iter	n is in god	od structur	al repair	and has no ob	vious sign:	s of rust.		
Signific	ance Ma	trix			State His	storical Themes:		
	Historical	Aesthetic	Social	Technology/ Research Potential	Category	☐ Moveable Item ☐	Industrial Relic	C
Rare					Themes	☐ 13 Transport☐ 15 Utilities		
Repres-	_			·	i	☐ 16 Industry		
entative	×		u	X		☐ 18 Technology		
						20 Government Adm	ninistration	
nterpre	t from its	existing fa	bric.		· .			,
Conser	vation Po	olicy:					<u> </u>	
The iten	n is to reta	ained in its	present l	location and b	e preserve	d.	•	
4								
Policy I	mplemer	tation:						
All exter	nal surfac	ces are to ved or trea	ated. All	_	ces are to l	appropriate methods. oe treated with an app ı situ	•	nt
				•			•	
Mainten	ance Scl	nedule			 			
	all externa		for rust e	every 5 years.	Where no	ecessary, treat as reco	ommended in th	he
							,	,
nterpre	tation:	· ·						
								•
		•						
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1996

Item Name: Pressure Vessel	Item No. 192
Name Plate: N/A	
Associated Items:	•
Individual	•
Assemblage	
System	
Collection	
Description: This is located outside bay	in the open. It was used as a pressure vesse
connected to the air compressors in the air cor	mpressor shop.
History: Unknown.	
Function and Operation: N/A	Location: Bay 4 South South of Bay
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	6 9
	10
	11 12
	13
•	15
	4A 4 3 2 × 1
Photo: FILM No. 95-169-6-21 Ph	notographed and inspected December 1995



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1996

Item Na	me: Pre	ssure Vess	sel				Item No. 1	92
Conditi	on:	<u>-</u>		<u>·</u>		<u> </u>		
						•		
					• •			
Ì		•		•			•	
Signific	ance Ma				State Historical Them	es;	**	
}	Historical	Aesthetic	Social	Technology/ Research Potential	Category		Industrial Reli	ic
Rare					Themes	rt ·		
Repres-	_	_	_	_	15 ounties	•		
entative	u		U.		☐ 18 Technole			
					☐ 20 Governm		•	
Stateme being a	ent of Signs	nificance with their	The ite operati	m was an inte on for over s	gral part of the Eveleigh 0 years. The item is	Locomo	tive Workshoral part of	ops the
					n is easy to interpret from			
				,				
Conserv	vation Po	licy:		, · · · · · · · · · · · · · · · · · · ·		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	n is to be to which it		n its pre:	sent location a	and be preserved as par	t of the	compressed	air
	ne extent				designed cover must be a to be conserved using a			
Policy In	mplemen	tation:	·		<u> </u>		<u></u>	_
The iten Conserv	n should e in situ.	be cleane	ed. All	unsound pair	t removed and the iter	n should	l be repaint	ed.
Mainten	ance Sch	edule					·····•	
Inspect i	n 5 years	then every	year.		-			۾ .
								· - [
Interpret	tation:					 -		-
						,] ·
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			•					-
	·		•					
		•	·					{