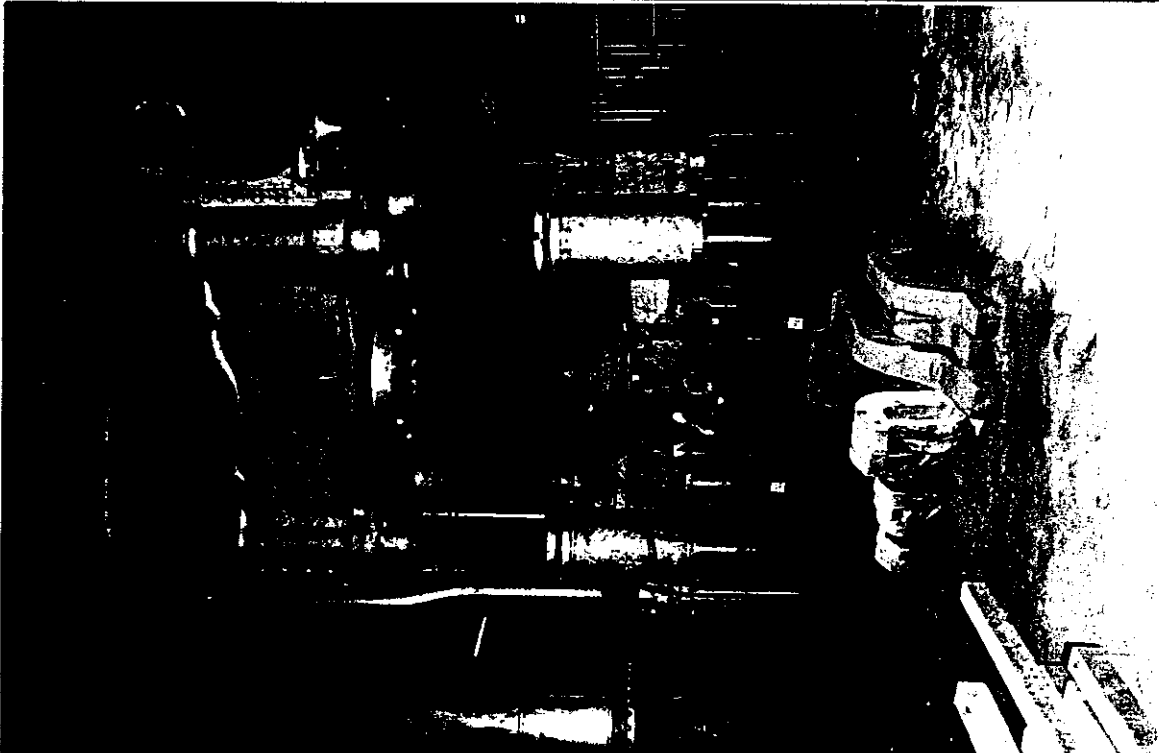


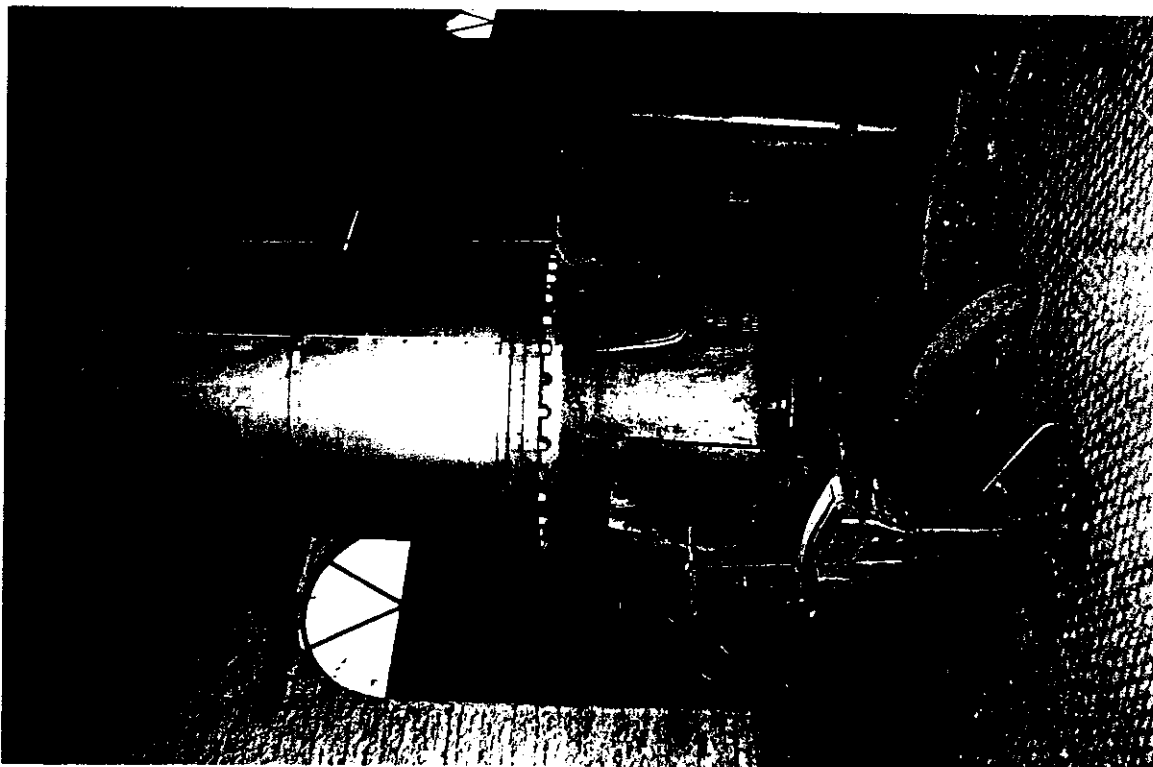
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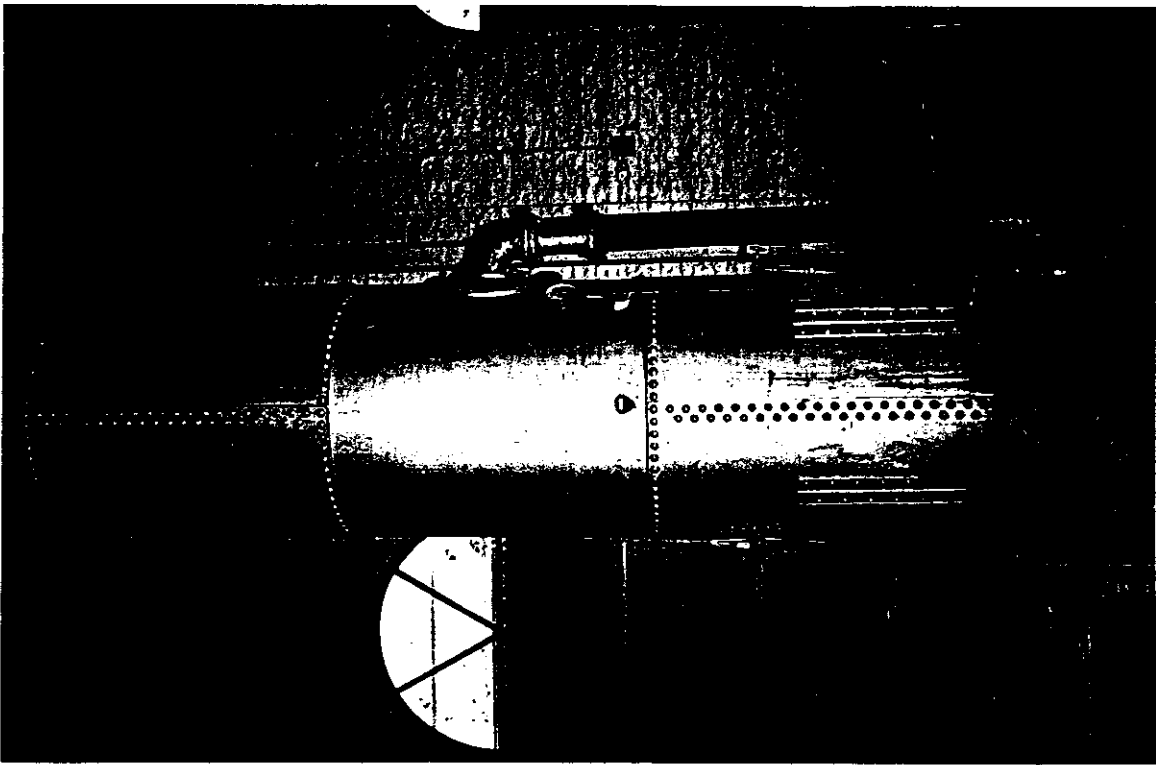
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| Item Name: Davy Press | Item No. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: P.T.C. NSW PH-815-EVE S/O- DAVY BROS LTD SHEFFIELD 1920 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input checked="" type="checkbox"/> Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191 Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | Location: Bay 1 North 4 East <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>1</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>2</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>3</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>X</td><td>4</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>5</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>6</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>7</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>8</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>9</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>10</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>11</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>12</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>13</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>14</td></tr> <tr><td>---</td><td>---</td><td>---</td><td>---</td><td>---</td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | 3 | --- | --- | --- | --- | X | 4 | --- | --- | --- | --- | --- | 5 | --- | --- | --- | --- | --- | 6 | --- | --- | --- | --- | --- | 7 | --- | --- | --- | --- | --- | 8 | --- | --- | --- | --- | --- | 9 | --- | --- | --- | --- | --- | 10 | --- | --- | --- | --- | --- | 11 | --- | --- | --- | --- | --- | 12 | --- | --- | --- | --- | --- | 13 | --- | --- | --- | --- | --- | 14 | --- | --- | --- | --- | --- | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-2 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Davy Press | | | | | Item No. 1 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|--------------------------------------|-------------------|-----------|--------|--------------------------------------|------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| 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 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td>Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Representative</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 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 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 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 retained in its present location and be preserved as part of the Davy assemblage 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Davy Steam Intensifier | | Item No. 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: No. 815 N.S.W.G.R. DAVY BROS LTD. SHEFFIELD 1919. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Individual | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Assemblage | <input checked="" type="checkbox"/> | Davy Press 1-24, 207 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Collection | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| System | <input checked="" type="checkbox"/> | Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Groups | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | Location: Bay 1 North 5 East | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | X | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: | FILM No. 95-169-3-3 | Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Item Name: Davy Steam Intensifier | | | | | Item No. 2 | | | | | | | | | | | | | | | | | | | | | | |
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| 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 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
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| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 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 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 retained in its present location and preserved as part of the Davy assemblage, 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 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: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

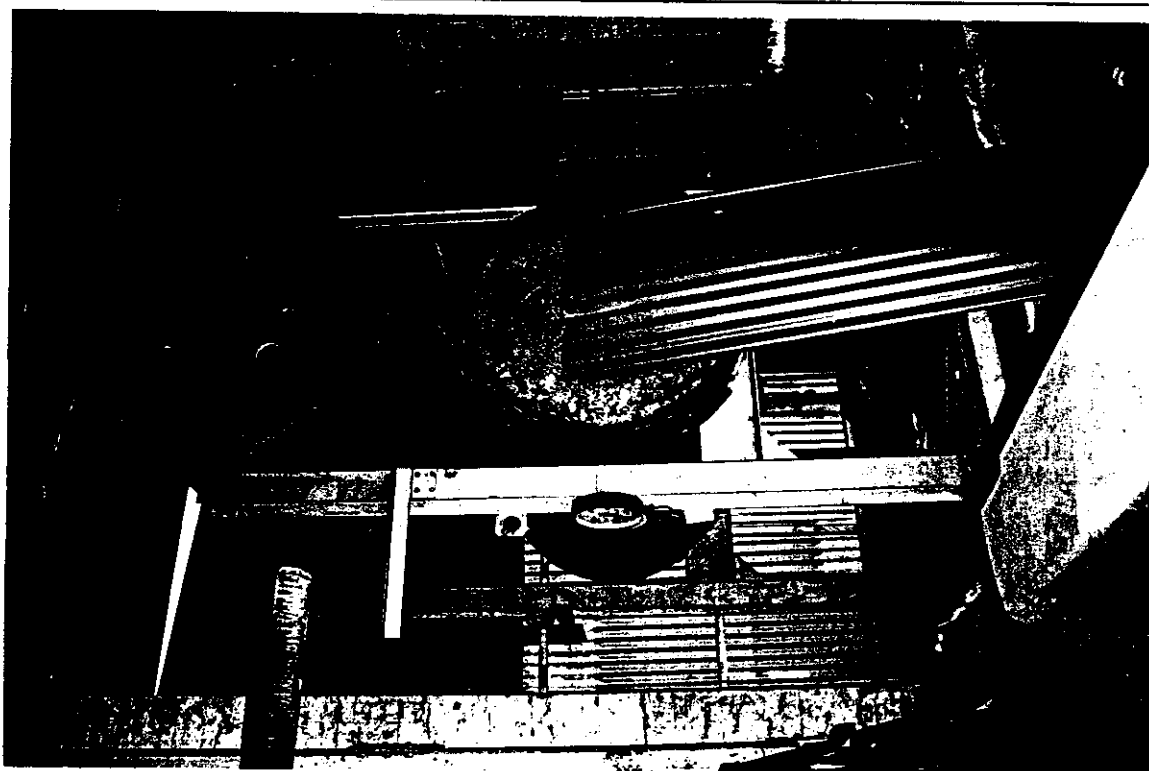
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| Item Name: The Davy Hydraulic Reservoir | | Item No. 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input checked="" type="checkbox"/> Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191 Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The Reservoir is basically a boiler or air receiver shell which is of riveted construction in three sections. It stands on four feet which have been riveted to the boiler shell. The Reservoir contains the hydraulic fluid which is supplied to the Press system. The cylinder of the Reservoir is about 1 metre in diameter and stands about 4 metres high. It is mounted on four large concrete lugs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The Hydraulic Reservoir was installed with the Davy Press in 1926. It has remained in this location as far as is known with no major modifications for that period. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 <table border="1" style="border-collapse: collapse; text-align: center; width: 100%;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | X | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-4 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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EVELEIGH LOCOMOTIVE WORKSHOPS MACHINERY CONSERVATION


1996

| Item Name: Davy Hydraulic Reservoir | | | | | Item No. 3 | | | | | | | | | | | | | | | | | | | | | | |
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| 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 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 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 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 retained in its present location and preserved as part of the Davy assemblage, 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | | | | | | | | | | | | | | | | | | | | | | | | | | | |


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| Item Name: Additional Volume Steam Reservoir for Davy Press | | Item No. 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input checked="" type="checkbox"/> Steam 1-4, 28, 29, 31, 32, 54, 57, 188-191 Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 the steam being admitted to the steam intensifier of the Davy Press by the operation of the main valve. | Location: Bay 1 North 6 East <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>1</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>2</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>3</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>4</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>5</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>6</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td>X</td><td>7</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>8</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>9</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>10</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>11</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>12</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>13</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>14</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td> </td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | | 5 | | | | | | 6 | | | | | X | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-5 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



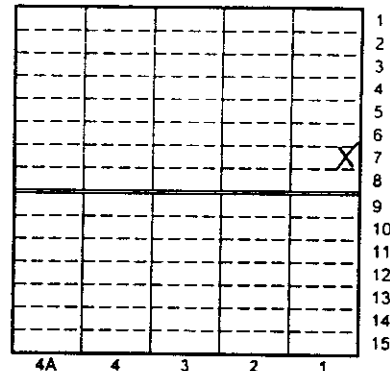
| Item Name: Additional Volume Steam Reservoir For Davy Press | | | | | Item No. 4 | | | | | | | | | | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------------------|-------------------|-----------|--------|--------------------------------------|------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|--------------------------|--------------------------|--------------------------|--------------------------|--|--|
| 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 in ruinous condition. The condition of the power source is unknown and the power source has probably been disconnected. | | | | | | | | | | | | | | | | | | | | |
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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 is an integral part of the hydraulic system. 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. | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: The item is to be 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 Implementation: The sheet metal sheathing is to be replaced and treated with rust inhibitor. The internal surface is to be inspected, dried, located with an appropriate inhibitor and if necessary, a drying agent placed inside the servoir. Conserve close to present position. | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section. | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | |

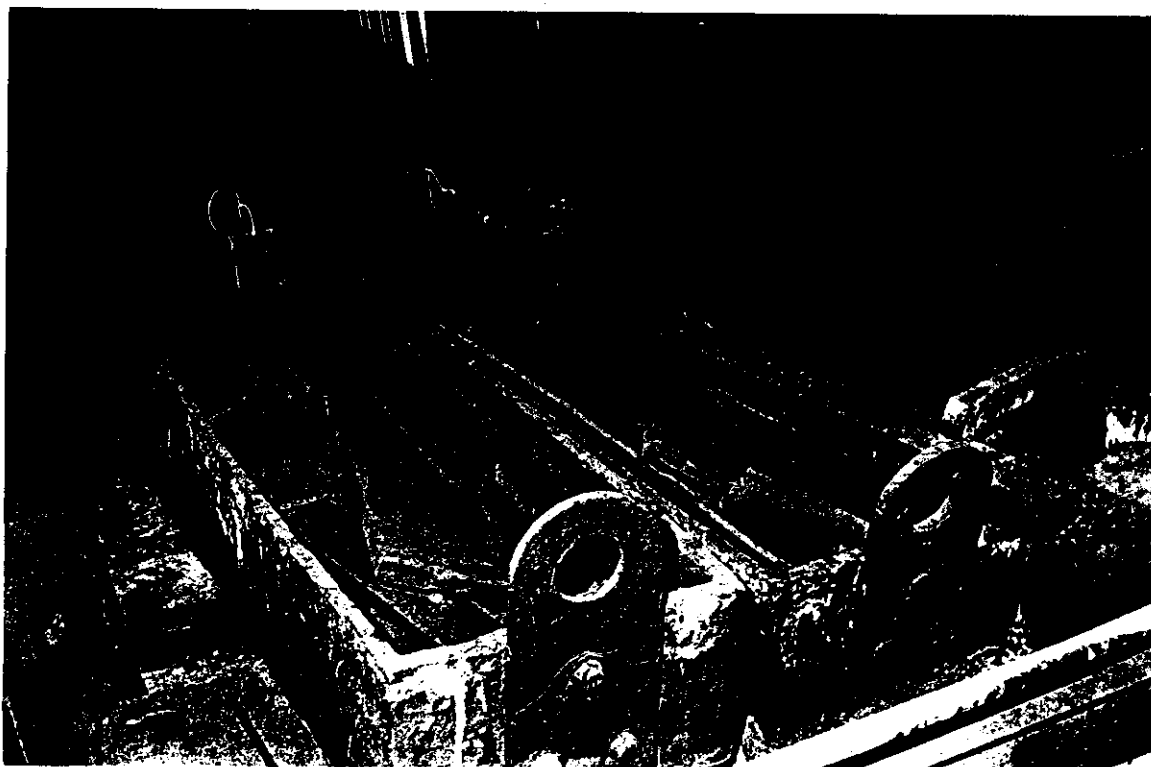
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| Item Name: Balanced Billet Holders for Davy Press | | Item No. 5 a-p | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The holders are all about 6-8 metres long, have a holding device and rotation handles for manipulation fastened about the centre. Each item was made for holding or manipulating a specifically shaped billet. 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,l Special tool - twin flat plate, adjustable. 5m Special tool - twin tyned fork. 5n Special tool - wedge spade. 5p Holder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: It is believed that most of the holders were introduced when the Davy Press was installed. Some of them were possibly made in response to later requirements. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: The billets to be worked were grasped 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 manipulate the billet as it came under the action of the Davy Press. | Location: Bay 1 North 5-6 East <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | X | 5 | | | | | X | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-6 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Balanced Billet Holders for Davy Press | | | | | Item No. 5a-p | | | | | | | | | | | | | | | | | | | | | |
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| Condition: The items exhibit slight to moderate rust in all surfaces. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 2px;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
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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 is an integral part of the Davy Press assemblage. The item represents former manufacturing technologies now rarely evident in operating workshops. The item will yield information on the nature of past work practices. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: The item is to be retained in its present location and be preserved as part of the Davy assemblage, collection of balanced holders 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 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 12 months. Where necessary, coat as recommended in the implementation section. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

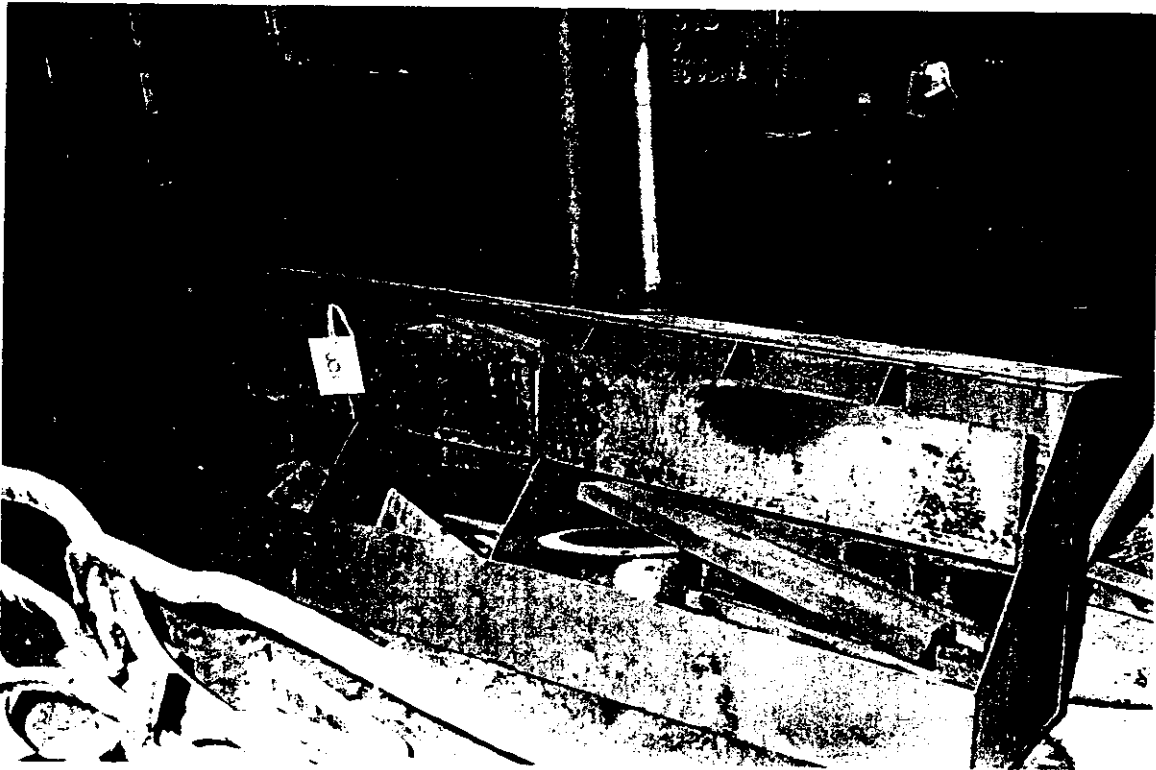
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| Item Name: Davy Press Work in Progress | | Item No. 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The work in progress is in three separate locations. It consists of partially forged and completely forged steam hammer shaft and pistons, three forged shafts and a number of crane wheels which have had their centres punched out and forged roughly to shape. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of all of these items is unknown but it is assumed that they were amongst the last items which were forged on the Davy Press. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: N/A | Location: Bay 1 North 6 East <table border="1" style="border-collapse: collapse; text-align: center; margin: 10px auto;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | | 5 | | | | | X | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: 1995 FILM No. 95-169-3-7 Photographed and inspected December | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Davy Press Work in Progress | | | | | Item No. 6 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|-------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--|----------------------------|---|
| Item Name: Steel Spacers | | Item No. 7 |
| Name Plate: N/A | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 System <input type="checkbox"/> Collection <input type="checkbox"/> | | |
| Description: The Steel Spacers usually consist of scraps of iron or steel, flat with two parallel sides which are used to block the descent of the top die of the Davy. The amount of travel by the cross head can only be prevented by manual means. This is achieved by stacking the spacers on the bottom anvil to the desired height. | | |
| History: The spacers which are located in very heavy steel bins have possibly been used since 1926. | | |
| Function and Operation: The spacers are placed one on top of the other until the desired height of spacers is reached. The spacers then prevent the downward travel of the Cross Head of the Press. | | Location: Bay 1 North 7 East  |
| Photo: | FILM No. 95-169-3-8 | Photographed and inspected December 1995 |



| Item Name: Steel Spacers | | | | | Item No. 7a,b | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|----------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Policy Implementation: <p>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.</p> <p>Conserve in situ or close to their original location.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Metal Case of Shims for the Davy Press | Item No. 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The shims consist of sections of plate and sheet of different thickness placed in the various divisions of the metal case. Each of the shims measures about 200-300 mm long by 100-200mm wide. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of the shims is unknown but it is possible that these Shims have been associated with the Davy since 1926. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | Location: Bay 1 North 4 East <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | X | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| | | | | X | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Photo: FILM No. 95-169-3-9 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Metal Case of Shims for Davy Press | | | | | Item No. 8 | | | | | | | | | | | | | | | | | | | | | | |
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| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
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| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---|-----------------------|
| Item Name: 9a - A Crane Balanced Special Holder 9b - Hand Held Tongs, Furnace Rakes/Hose etc. | Item No. 9a, b |
|---|-----------------------|

Name Plate: N/A

Associated Items:

Individual ☐
 Assemblage ☒ Davy Press 1-24, 207
 Collection ☐
 System ☐
 Operational Groups ☐

Description: 9a - Special holder for use within the crane.
 9b - Hand held tongs (10 items), furnace rake and hoe (5 items), assorted steel pieces.

History: The history of these pieces is unknown but it is believed that they have been associated with the operations of the Davy Press since 1926.

Function and Operation: The rings and hooks of the special holder were used to sling the tongs at the correct height to allow material of smaller size to be manipulated under the Davy Press. 9(b)-the hand-held tongs were used to hold the material being pressed. The furnace rakes and hoe were used to clear out millscale from the furnace after the heating of various items.

Location: Bay 1 North 5 East

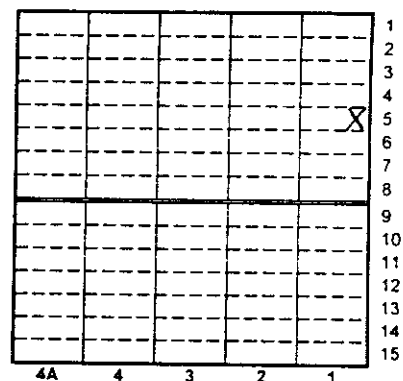
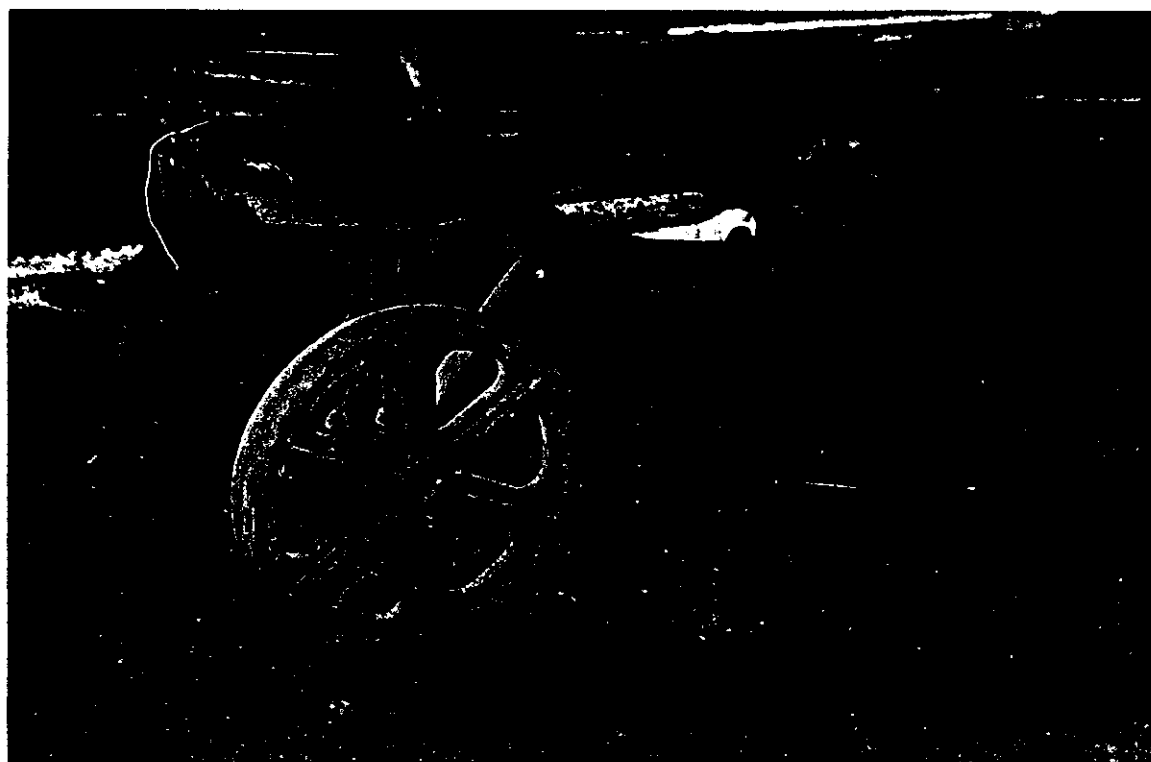


Photo: FILM No. 95-169-3-10 Photographed and inspected December 1995

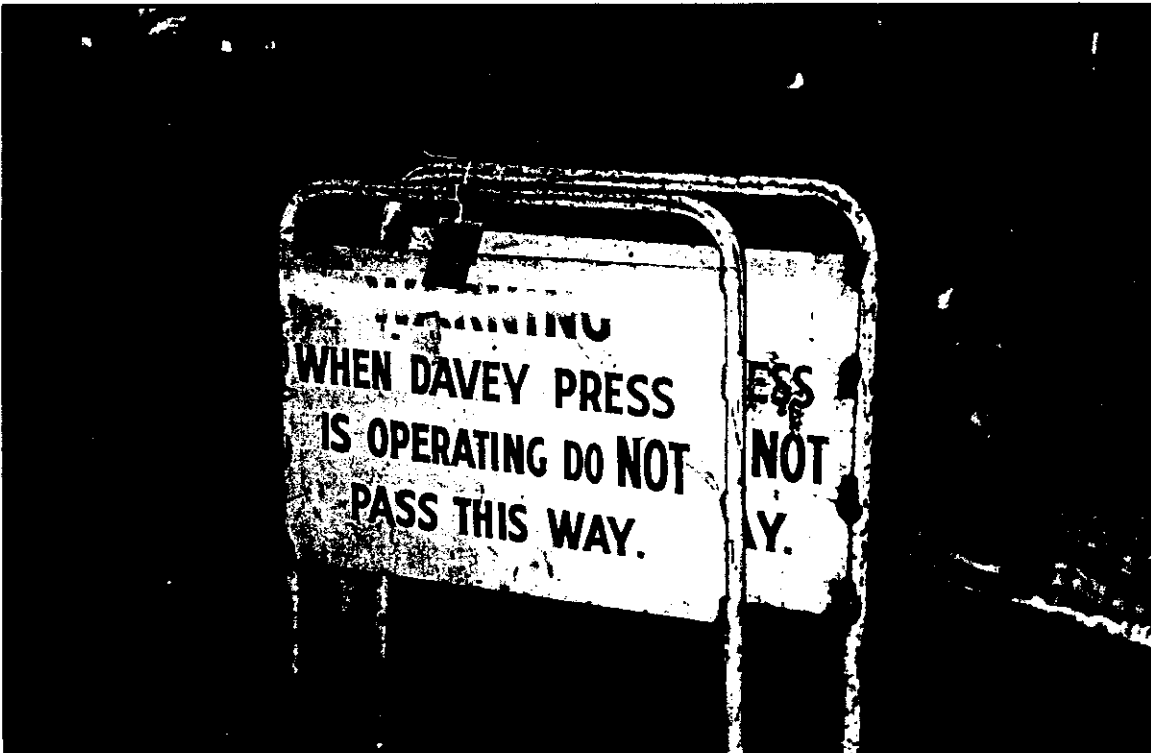


| Item Name: 9a Crane Balanced Special Holders 9b Hand Held Tongs, Furnace Rake/Hoes etc. | | | | | Item No. 9a,b | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|----------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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 very low portal frame is to be constructed which will elevate these items and prevent contact with the ground. Conserve in situ or close to their original location.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Hand Trolley for Hot Work | | Item No. 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The Hand Trolley is virtually a small wheelbarrow with a steel shaft on which two cast iron wheels about 400mm in diameter are mounted. These six spoked flanged wheels were cast in the Eveleigh Workshops. A small tray measuring about 500mm by 500mm of half inch plate is mounted on two brackets along with a 3 metre long handle. The trolley was used for manipulating and for moving hot work around the floor of the workshop. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of the item is unknown although it may be as old as the Davy Press. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: The hand trolley was normally moved close to the furnace and the material removed by the use of a balanced tong or grab and placed on the hand trolley. The trolley could then be moved away from the furnace and the hot piece could be gripped by a special pair of tongs in an area where it was possible to securely attach the holder. | Location: Bay 1 North 5 East <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | X | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| | | | | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Photo: FILM No. 95-169-3-11 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Item Name: Hand Trolley for Hot Work | | | | | Item No. 10 | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
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| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

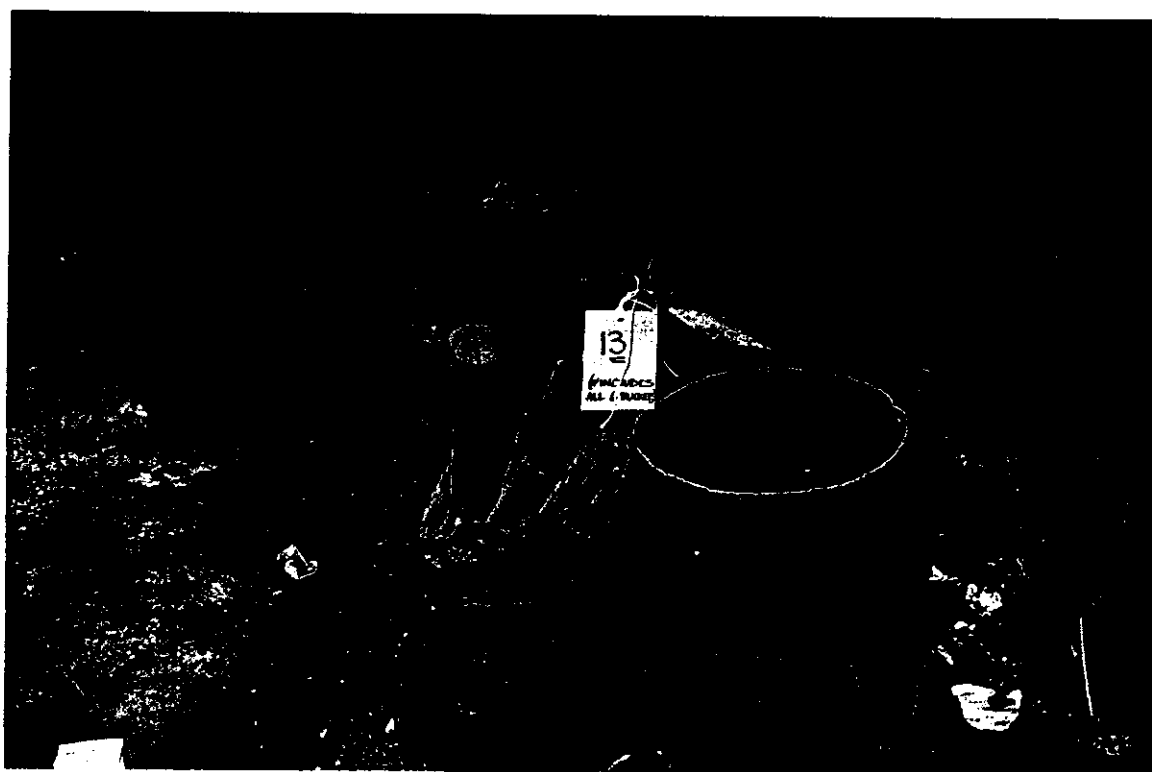
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| Item Name: Warning Signs for Davy Press | | Item No. 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The Davy Press Warning Signs simply indicate that when the Davy Press was operating that other staff must not pass through this particular area. One was placed at the north end of the press and the other was placed at the south end of the press area. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The date of construction of these signs is not known but they are probably the last of a long line of signs that were erected in various parts of the Workshop when large machines were in 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 <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | X | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-12 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Warning Sign for Davy Press | | | | | Item No. 11 | | | | | | | | | | | | | | | | | | | | | | |
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| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 15%; text-align: center;">Historical</th> <th style="width: 15%; text-align: center;">Aesthetic</th> <th style="width: 15%; text-align: center;">Social</th> <th style="width: 15%; text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td>Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td><input type="checkbox"/> Moveable Item</td> <td><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td>Themes</td> <td colspan="2"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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. The areas rust are to be removed by gentle brushing, treated with inhibitor and the whole surface waxed.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Punches, Dies and Swage Blocks | | Item No. 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: There is a number of Punches and dies which were used for pressing holes into large sectioned hot steel billets. The dies were placed on the anvil of the Davy Press. The Punch placed immediately above and the Punch was then forced or pressed through the hot metal. There are five Dies in this group and a series of four Punches. Some of the Punches were simply rested on the metal billet while others were held in place with a pair of tongs. There is also a set a swages in this group of materials. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of these items is unknown but it would appear that many of them are of a considerable age and show extensive wear. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: Used for forming items on the Davy Press. | Location: Bay 1 North 4 East <table border="1" style="border-collapse: collapse; text-align: center; width: 150px;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | X | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-13 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Punches and Swage Blocks | | | | | Item No. 12 | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Category</td> <td style="padding: 5px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 5px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 5px;">Themes</td> <td colspan="2" style="padding: 5px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. Reposition in same bay close to the original location.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Lock Pins and Wedges for Crane Tongs | Item No. 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The Lock pins are slotted pins about 600mm long and about 30mm in diameter. There is a round pin at one end and the other end is slightly tapered. The slot is usually 100-150mm long and about 8mm wide. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of the items is unknown but it would appear that they are possibly as old as 40 years. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: The Lock pins and wedges were used for holding the jaws of the various billet holders shut. The pin was placed through corresponding holes on each side of the jaw and it was tightened by the use of two wedges. The wedges bound the opposite side of the tongs in place and allowed the manipulation of the hot metal. | Location: Bay 1 North 3 East <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | 1 | | | | | | 2 | | | | | X | 3 | | | | | | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| | | | | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Photo: FILM No. 95-169-3-14 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Item Name: Lock Pins, Wedges for Crane Tongs in Six Buckets | | | | | Item No. 13 | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td>Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">Category</td> <td style="padding: 2px 5px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px 5px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px 5px;">Themes</td> <td colspan="2" style="padding: 2px 5px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

Item Name: Stack of Assorted Metal Pieces

Item No. 14

Name Plate: N/A

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 railway track on the ground were used variously for holding sections of material and also as the block and die for 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.

Location: Bay 1 North 4 East

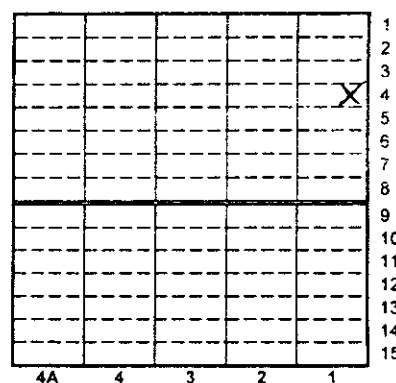
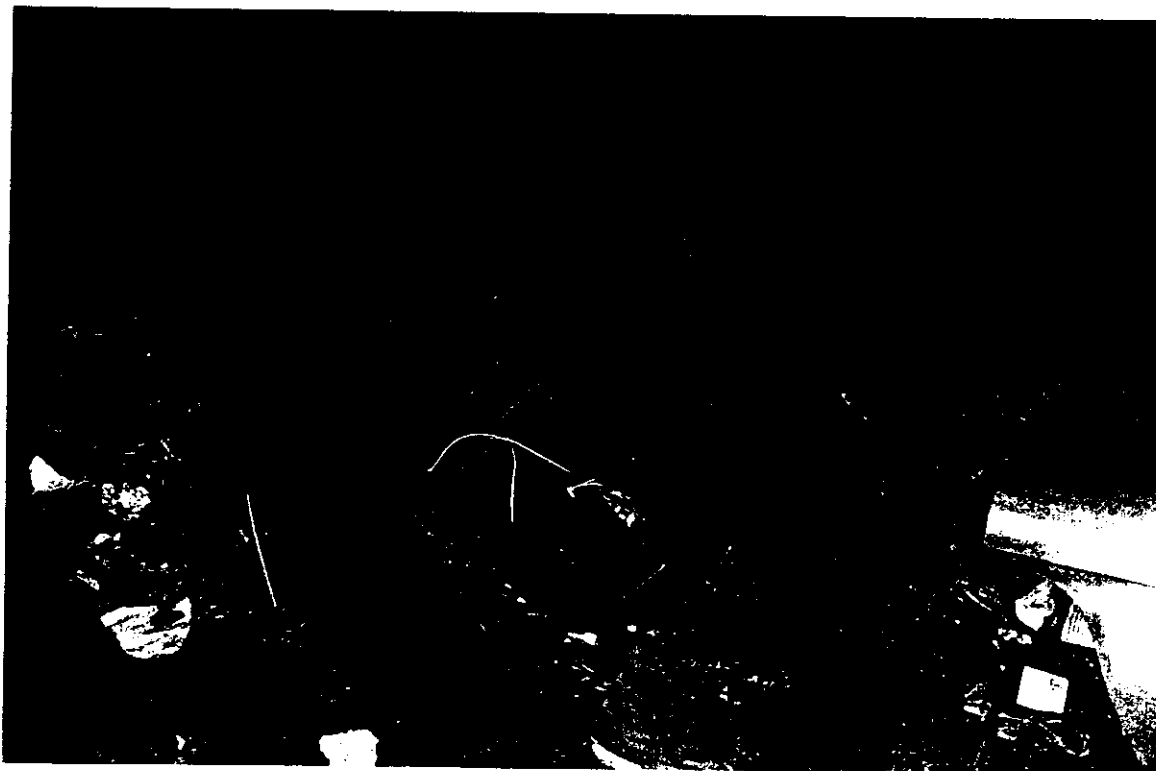


Photo:

FILM No. 95-169-3-15

Photographed and inspected December 1995



| Item Name: Rack of Assorted Metal Pieces | | | | | Item No. 14 | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Rare</td> <td style="text-align: center; padding: 5px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">Representative</td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Category</td> <td style="padding: 5px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 5px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 5px;">Themes</td> <td colspan="2" style="padding: 5px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

Item Name: Forged and Partially Machined Steam Hammer Shafts and Rectangular Spare Parts Bin.

Item No. 15a-c

Name Plate: N/A

Associated Items:

Individual ☐
 Assemblage ☒ Davy Press 1-24, 207
 Collection ☐
 System ☐
 Operational Groups ☐

Description: The two forged and partially machined steam hammer shafts have been returned to the Davy Press area for further working. This work was never carried out. The rectangular parts bin is made from half inch plate steel and is fitted with two hooks for hoisting.

History: The history of the items is unknown.

Function and Operation: N/A

Location: Bay 1 North 2 East

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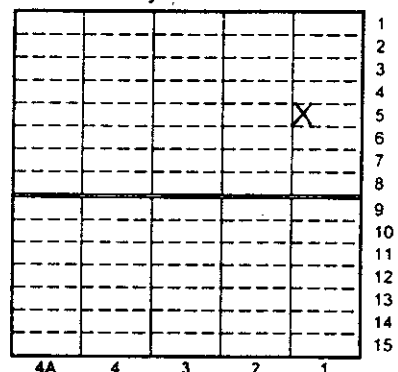
Photo:

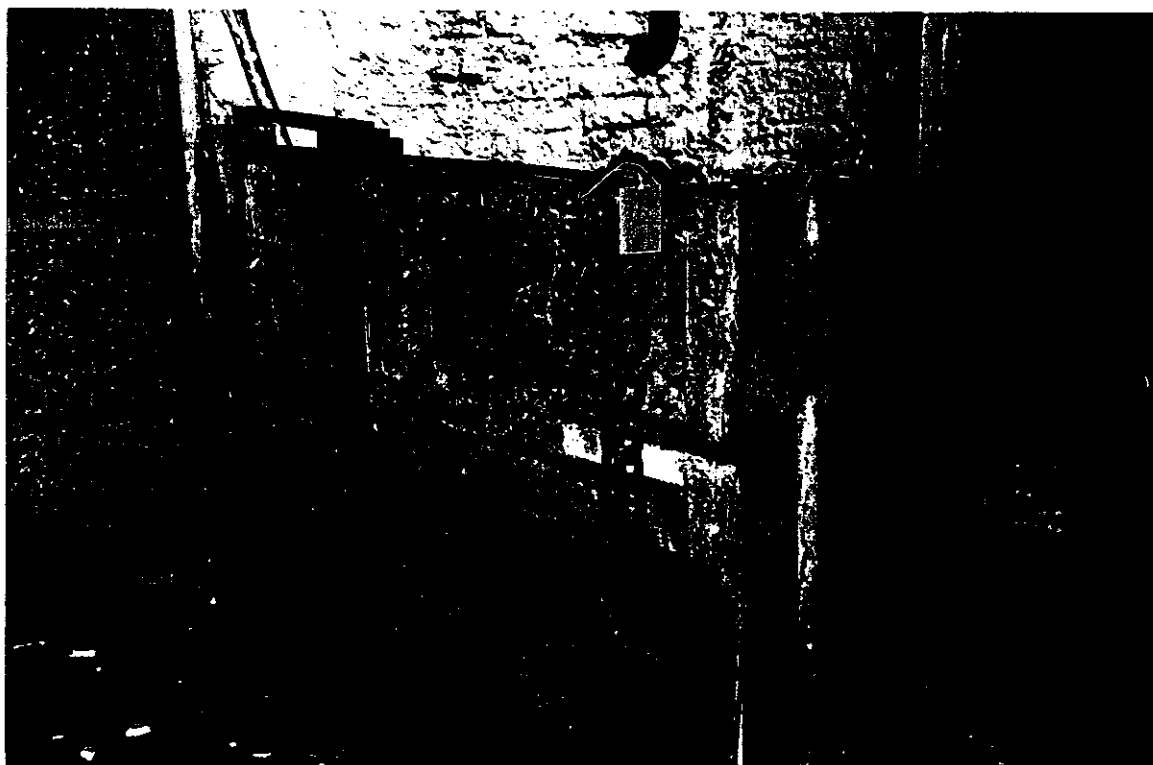
FILM No. 95-169-3-16

Photographed and inspected December 1995



| Item Name: Forged and Partially Machined Steam Hammer Shafts. (2) + Rectangular Parts Bin | | | | | Item No. 15a-c | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|-----------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Crane Slings | | Item No. 16 |
| Name Plate: N/A | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | |
| Description: There are six crane slings and three wire rope slings and a single spring suspended pulley block for crane tools. These items are located on a crane sling frame close to the east wall of the Bay 1 North. | | |
| History: The history of the items is unknown, however, the spring suspended pulley block would appear to be about the same age as the Press. | | |
| 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 |



| Item Name: Crane Slings | | | | | Item No. 16 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. Reposition in same bay close to the original location.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Item Name: Collection of Large Circular Dies, Swages, Punches and Spanners**Item No.** 17**Name Plate:****Associated Items:**

Individual ☐
 Assemblage ☒ Davy Press 1-24, 207
 Collection ☐
 System ☐
 Operational Groups ☐

Description: These items are in a rough pile against the central columns. There are a number of dies similar to the ones which have been mentioned as Item 12 and there are a set of Swages for general forming work and two exceptionally large forged spanners, the purpose of which is unknown.

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.

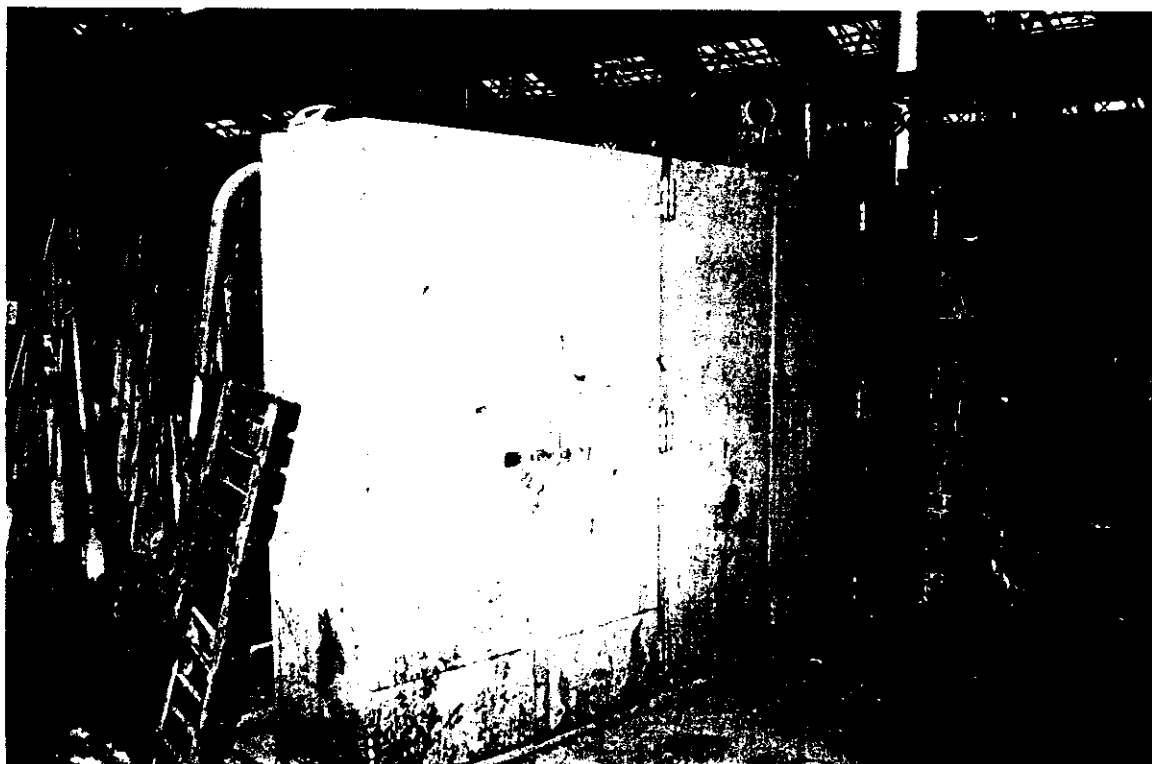
Location: Bay 1 North 3 West

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Photo:**FILM No.** 95-169-3-18**Photographed and inspected** December 1995

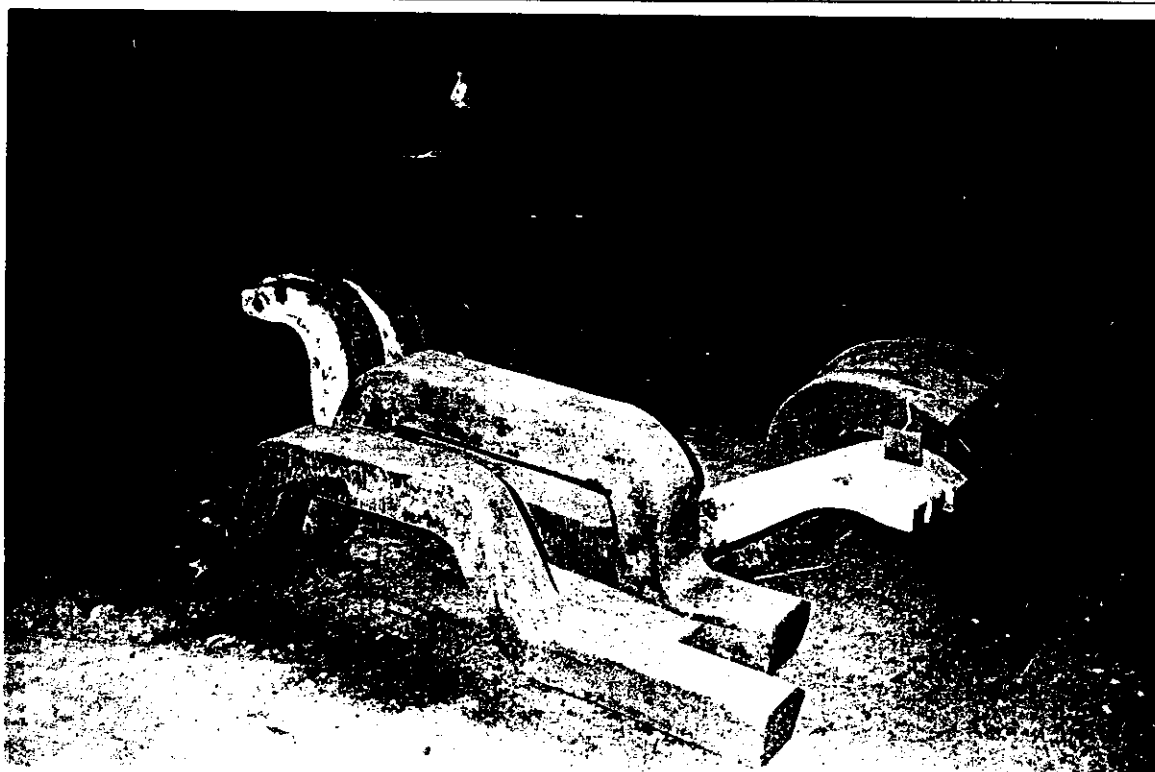
| Item Name: Collection of Large Circular Dies, Swages and Punches | | | | | Item No. 17 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve in situ or close to their original location.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Maintenance Tool Cabinets for the Davy Press | | Item No. 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: The cabinet consists of five doors on a steel framed and sheet steel clad heavy cabinet which was lockable and which held the tools for maintaining the Davy Press and its associated items. The cabinet stands about 2 metres high and each of the five bays is about 700mm wide. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: History of the item is unknown. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: N/A | | Location: Bay 1 North 4 West <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | X | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| 4A | 4 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Photo: | FILM No. 95-169-3-19 | Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

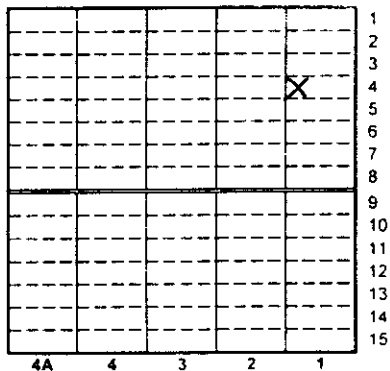


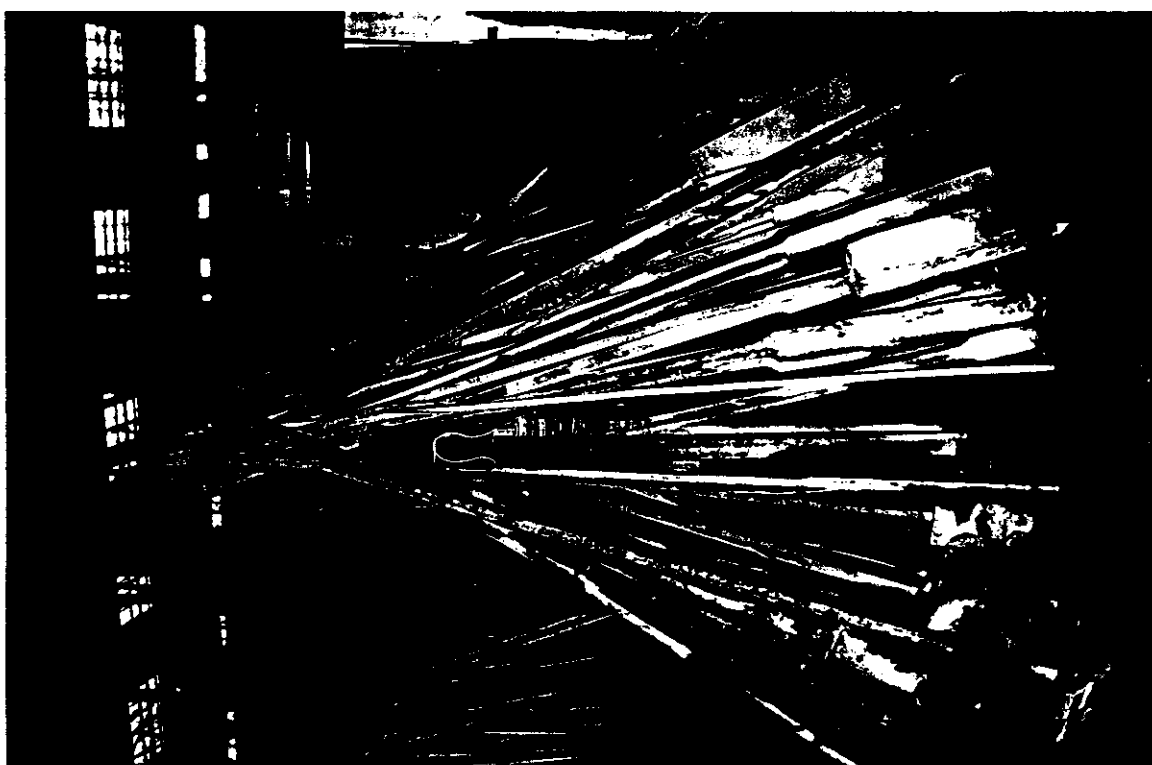
| Item Name: Maintenance Tool Cabinets for Davy Press | | | | | Item No. 18 | | | | | | | | | | | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------------------|--------------------|------------|-----------|--------|--------------------------------------|------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| Condition: The items are in structurally sound condition with superficial rust on the painted surface. | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td>Rare</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Representative</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table> | | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Representative | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | State Historical Themes: Category <input type="checkbox"/> Moveable Item <input type="checkbox"/> Industrial Relic Themes <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | |
| Rare | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| Representative | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| Statement of Significance The item is an integral part of the Davy Press assemblage. The item will yield information on the nature of past work practices. | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: The item is to be preserved. | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: Rust patches are to be neutralised and the surface monitored for future rust. Selected areas may be coated with poly crystalline 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: | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Equalising Beams for Diesel Locomotives | | Item No. 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: 9 of these equalising beams have been forged and machined while two of them are in the rough forged state. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of these items is unknown but it is obvious that they have been recently made. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Function and Operation: N/A | | Location: Bay 1 North 4 West <table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | X | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| | | | | X | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Photo: | FILM No. 95-169-3-20 | Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |




| Item Name: Equalising Beams for Diesel Locos | | | | | Item No. 19 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statement of Significance: <p>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 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. The items indicate the type of work which could be done on the Davy Press.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

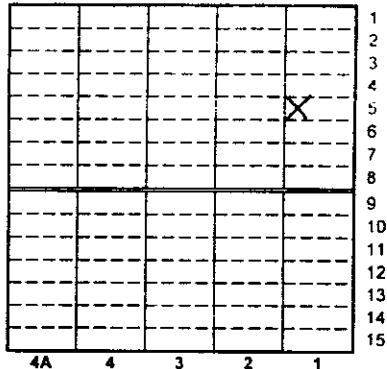
| | | |
|--|-----------------------------|---|
| Item Name: Rack of Swages and Fullers | | Item No. 20 |
| Name Plate: N/A | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | |
| Description: A large number of hand held swages and fullers which were used in conjunction with the Davy Press for forging a large variety of complex shapes. There are approximately 77 items on this rack, most of them have steel handles which are in excess of 2 metres long. This allowed the operator or the blacksmith to hold the item and stay well away from the very hot metal. | | |
| History: The history of the items is unknown but many appear to be of a considerable age. | | |
| Function and Operation: The swages and fullers were hand held and manipulated so that complex shapes could be forged with the Davy Press. Quite often two of the items would be used simultaneously to allow metals to be bent or shaped around dies. | | Location: Bay 1 North 4 West  |
| Photo: | FILM No. 95-169-3-21 | Photographed and inspected December 1995 |

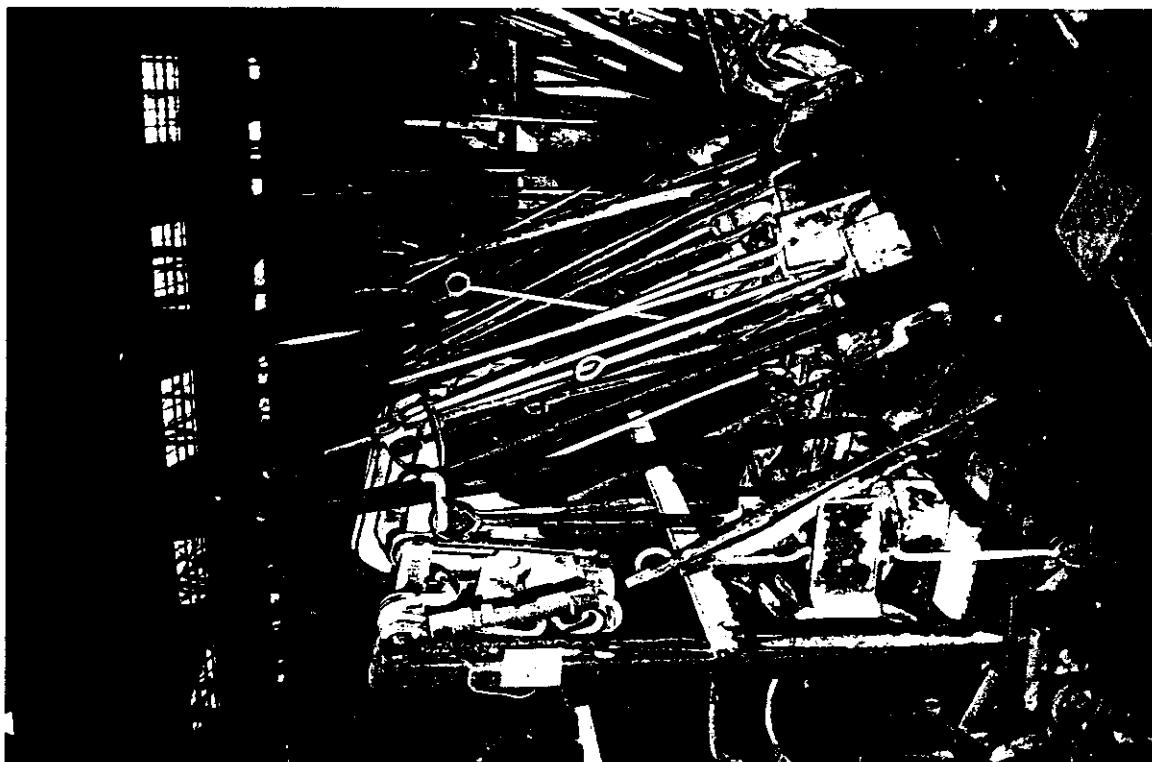


| Item Name: Rack of Swages, Rods. (Both sides of rack). | | | | | Item No. 20 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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 from obviously new material to keep the items off the earth floor.</p> <p>Conserve in situ</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

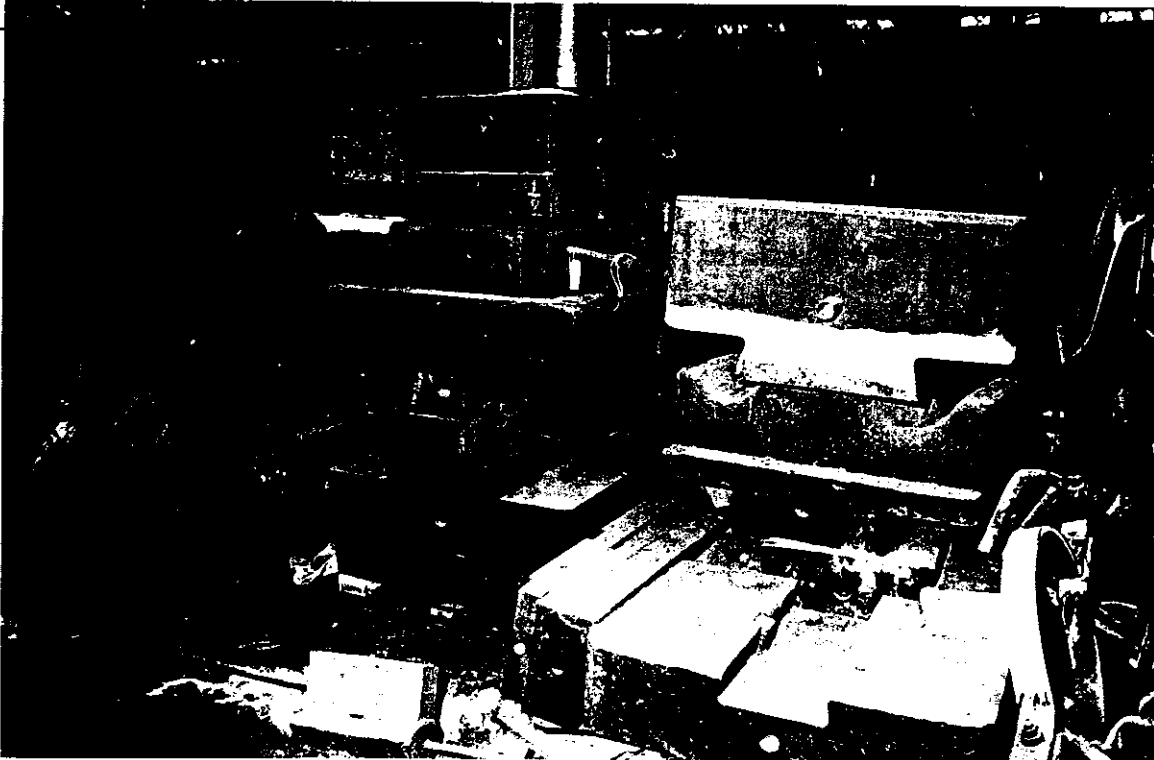
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| Item Name: A Rack of Tongs and Swages | Item No. 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: This rack contains some 36 sets of tongs which were used for holding hot metal as it was being fastened onto the long balanced holders or as it was being worked on the Press. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History: The history of the items is unknown but many appear to be of some age. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 5 West <div style="text-align: center;"> <table border="1" style="border-collapse: collapse; margin: auto;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td>X</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Photo: FILM No. 95-169-3-22 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Item Name: Rack of Tongs, Hand-held Grips and Swages | | | | | Item No. 21 | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Category</td> <td style="padding: 5px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 5px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 5px;">Themes</td> <td colspan="2" style="padding: 5px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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 from obviously new material to keep the items off the earth floor</p> <p>Conserve in situ</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|-----------------------------|---|
| Item Name: Rack of Mixed Swages, Fullers, Templates and Hotsets | | Item No. 22 |
| Name Plate: N/A | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | |
| Description: These mixed items were all used, usually by being held by hand to cut and form items being forged on the Davy Press. | | |
| History: The history of the items is unknown but some of them appear to be quite old. | | |
| Function and Operation: These items were hand held and manipulated as the cross head of the Davy Press, bearing a die forced the swage fuller or hotset onto the metal being worked. | | Location: Bay 1 North 5 West  |
| Photo: | FILM No. 95-169-3-23 | Photographed and inspected December 1995 |

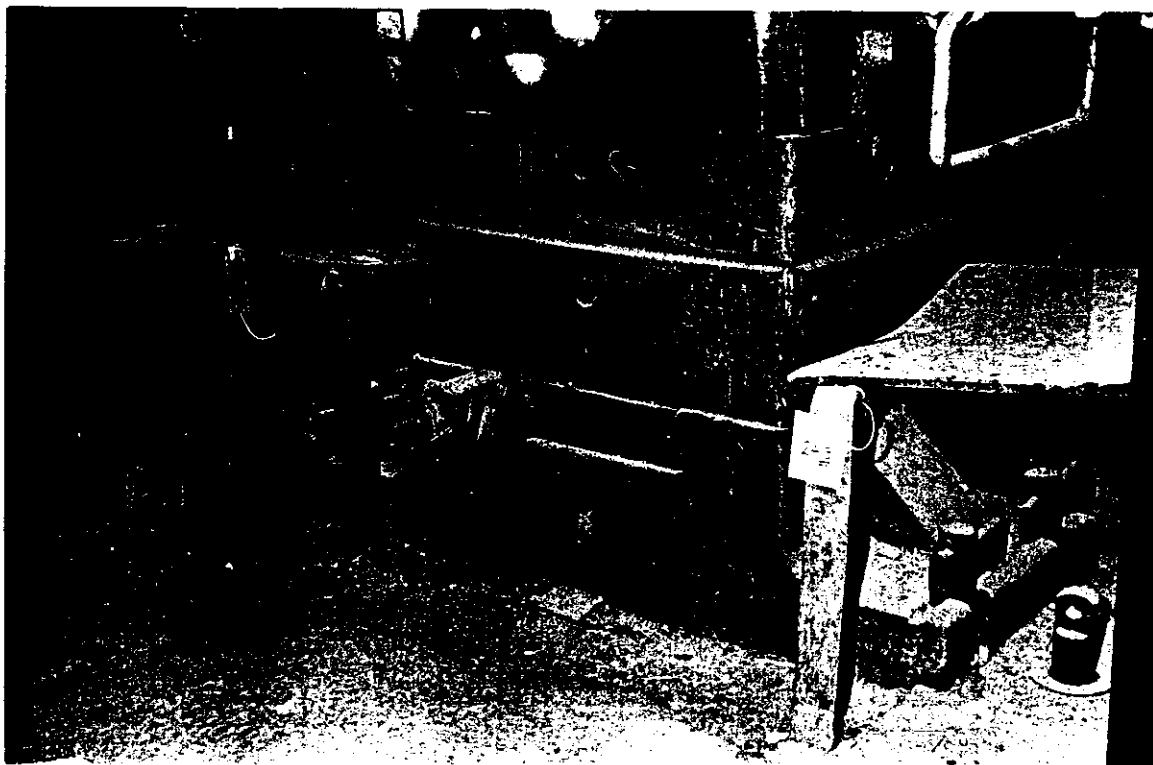


| Item Name: Rack of Mixed Swages, Moulds, Templates | | | | | Item No. 22 | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------|--------------------------------------|--------------------|-----------|--------|--------------------------------------|------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--|--|--|-----------------|--|---|---------------|---|--|
| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
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| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Collection of Swage Blocks and Dies for the Davy Press | | Item No. 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | Location: Bay 1 North 5 West <table border="1" style="border-collapse: collapse; text-align: center; margin: 0 auto;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | X | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-24 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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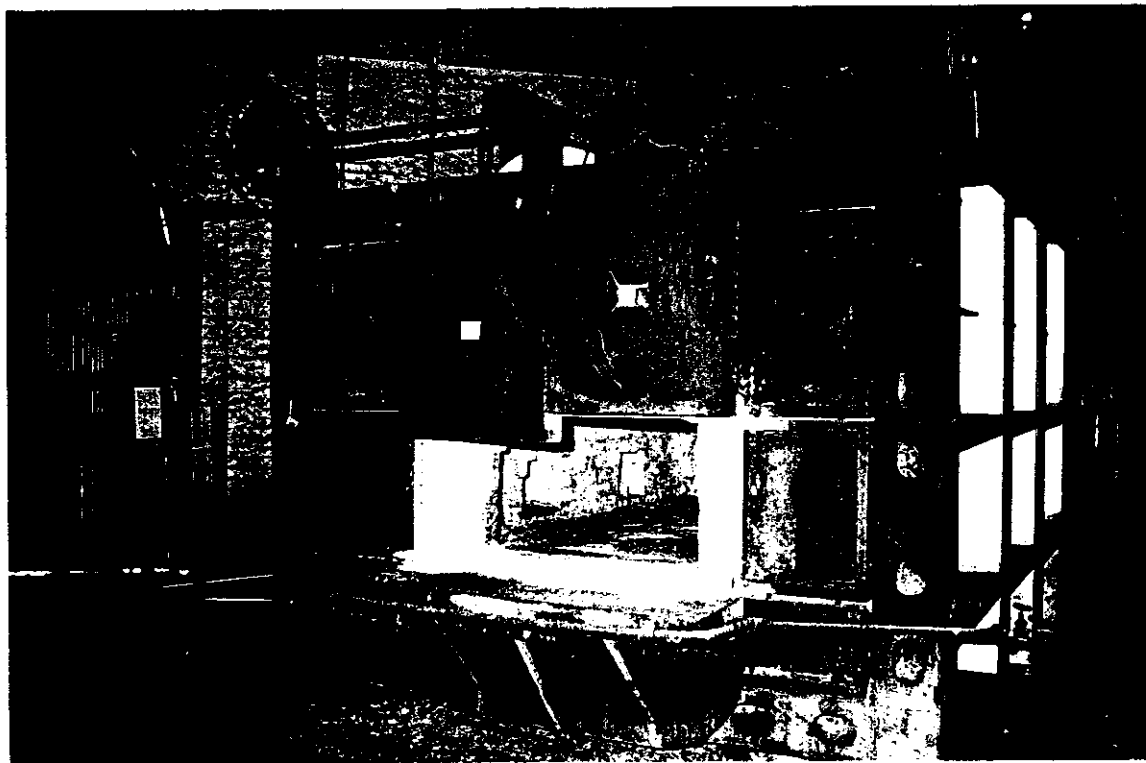
| Item Name: Collection of Large Swage Blocks for Davy | | | | | Item No. 23 | | | | | | | | | | | | | | | | | | | | | |
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| Condition: The external surface of the item has patches of superficial rust and bare metal. The item exhibits heavy rust in places. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td>Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Representative</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Category</td> <td><input type="checkbox"/> Moveable Item</td> <td><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td>Themes</td> <td colspan="2"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
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| Representative | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
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| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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 from obviously new material to keep the items off the earth floor.</p> <p>Conserve in situ or reposition close to original location in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: Metal Work Tables for Davy Press | Item No. 24a-e | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: Individual <input type="checkbox"/> Assemblage <input checked="" type="checkbox"/> Davy Press 1-24, 207 Collection <input type="checkbox"/> System <input type="checkbox"/> Operational Groups <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: These small metal tables consist of a plate of five/eighth inch milled steel measuring from 500-900mm wide and 900-1500mm long with legs in a Z-shape being bolted or riveted 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 West <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td>X</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td><td>4</td><td>3</td><td>2</td><td>1</td><td></td></tr> </table> | | | | | | 1 | | | | | | 2 | | | | | | 3 | | | | | X | 4 | | | | | X | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: FILM No. 95-169-3-25 Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Rare</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Category</td> <td style="padding: 2px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 2px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 2px;">Themes</td> <td colspan="2" style="padding: 2px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
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| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statement of Significance: <p>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 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conservation Policy: <p>The item is to be preserved by being cleaned, serviced and maintained according to the implementation and maintenance schedules given below.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Policy Implementation: <p>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.</p> <p>Conserve. May reposition in same bay.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance Schedule <p>Inspect all external surfaces for rust every 12 months. Where necessary, coat as recommended in the implementation section.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Item Name: The Furnace for Billets for the Davy Press | | Item No. 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Plate: FR23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associated Items: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Individual | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Assemblage | <input checked="" type="checkbox"/> | Davy Press 1-24, 207 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Collection | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| System | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operational Groups | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 way as a garden spade. | | Location: Bay 1 North 1 East <table border="1"> <tr><td></td><td></td><td></td><td></td><td>X</td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>4</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>7</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>8</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>11</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>12</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>13</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>14</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>15</td></tr> <tr> <td>4A</td> <td>4</td> <td>3</td> <td>2</td> <td>1</td> <td></td> </tr> </table> | | | | | X | 1 | | | | | | 2 | | | | | | 3 | | | | | | 4 | | | | | | 5 | | | | | | 6 | | | | | | 7 | | | | | | 8 | | | | | | 9 | | | | | | 10 | | | | | | 11 | | | | | | 12 | | | | | | 13 | | | | | | 14 | | | | | | 15 | 4A | 4 | 3 | 2 | 1 | |
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| Photo: | FILM No. 95-169-3-26 | Photographed and inspected December 1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Item Name: Furnace for Davy Press | | | | | 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Significance Matrix <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Historical</th> <th style="text-align: center;">Aesthetic</th> <th style="text-align: center;">Social</th> <th style="text-align: center;">Technology/ Research Potential</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Rare</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">Representative</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table> | | | | | Historical | Aesthetic | Social | Technology/ Research Potential | Rare | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | State Historical Themes: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Category</td> <td style="padding: 5px;"><input type="checkbox"/> Moveable Item</td> <td style="padding: 5px;"><input type="checkbox"/> Industrial Relic</td> </tr> <tr> <td style="padding: 5px;">Themes</td> <td colspan="2" style="padding: 5px;"> <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration </td> </tr> </table> | | | Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 20 Government Administration | |
| | Historical | Aesthetic | Social | Technology/ Research Potential | | | | | | | | | | | | | | | | | | | | | | | |
| Rare | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Representative | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | |
| Category | <input type="checkbox"/> Moveable Item | <input type="checkbox"/> Industrial Relic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Themes | <input type="checkbox"/> 13 Transport <input type="checkbox"/> 15 Utilities <input type="checkbox"/> 16 Industry <input type="checkbox"/> 18 Technology <input type="checkbox"/> 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 is an integral part of the Davy assemblage. 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 Davy assemblage. 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. 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interpretation: | | | | | | | | | | | | | | | | | | | | | | | | | | | |