



LIST OF MATERIALS

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|---|---|---|
| 2 - 2" Steel Pipe Manifolds, 1 R.H.-1 L.H. with 2 - 3/4 x 1 1/4 extra strong Nipples in each. | 1 - 2" A.C.F. Quick Acting Valve. | 1 - 2" x 1" M.I. Tee. |
| 4 - 3/4" M.O.Y. I.F. Fittings with 3/4" Shut-off Cocks complete. | 1 - 2" x 2" x 2" M.I. Y Branch. | 3 - 2" W.S. Nipples, 4" lg. |
| 3 - Sleds - 2 Skids. | 3 - 2" x 1 1/2" Reducing Bushings. | 2 - 2" M.I. Elbows. |
| 2 - Pieces 1/2" Chain, 4'-0" lg. with 4" D. Ring. | 1 - 2" x 6" W.S. Nipple. | 1 - 2" Pipe Union |
| 2 - 3/4" Shut-off Cocks. | 2 - 1" x 2 1/2" W.S. Nipples. | 1 - Piece 2" M.I. Pipe, length as needed. |
| 2 - 3/4" x 2" W.S. Nipples. | 1 - Piece 1 1/2" Hose 50' to 100' lg. as needed, Neoprene, A.A.R. Spec. M-608-(). | 2 - Collars - 1" x 3/8" with 3/8" D. Bolts. |
| 2 - 2" x 1 1/2" Reducing Couplings. | 1 - Piece 1 1/4" Hose 110' lg. Neoprene, A.A.R. Spec. M-608-(). | 1 - Line Lubricator - Capacity 1 Pint. |
| 2 - 2" x 3/4" Reducing Couplings. | 1 - Piece 1 1/2" Hose 120' lg. Neoprene, A.A.R. Spec. M-608-(). | 1 - 2" x 1" Reducing Bushing. |
| 5 - 1 1/2" x 6" W.S. Nipples. | 6 - 1-R 1 1/4" Hose Female Coupling C. | 1 - 1 1/4" x 1" Reducing Bushing |
| 8 - Pieces 1/2" Hose, 16'-8" lg. Neoprene, A.A.R. Spec. M-608-(). | 1 - Alcohol Dripper with 2-1" Nipples & 1-1" Shut-off Cock. | |
| 8 - 1-R 1/2" Hose Male Coupling A. | 1 - 2" Globe Valve. | |
| 8 - 1-R 1/2" Hose Female Coupling B. | | |

OPERATING PROCEDURE

Locate compressor about 150 feet from point where tamping will start, then distribute hose line from compressor to manifold as shown.

As work progresses the manifolds are moved toward compressor without reversing. When the manifolds are nearly opposite compressor the globe valve is closed, then detach the necessary couplings for the movement of the compressor and hose line to a new location.

The manifold acts as a sump for oil, moisture, etc. The shut-off cock at end should be opened frequently to keep foreign matter out of tampers.

One Pint capacity Line Lubricator shall be filled twice daily or as otherwise needed.

77625-C



THE PENNSYLVANIA RAILROAD
STANDARD
HOSE LINE AND MANIFOLD
FOR
105 CU.FT. PNEUMATIC TIE TAMPING OUTFIT

OFFICE OF CHIEF ENGINEER, PHILA., PA.- NOV. 1958

J. H. Hewitt
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