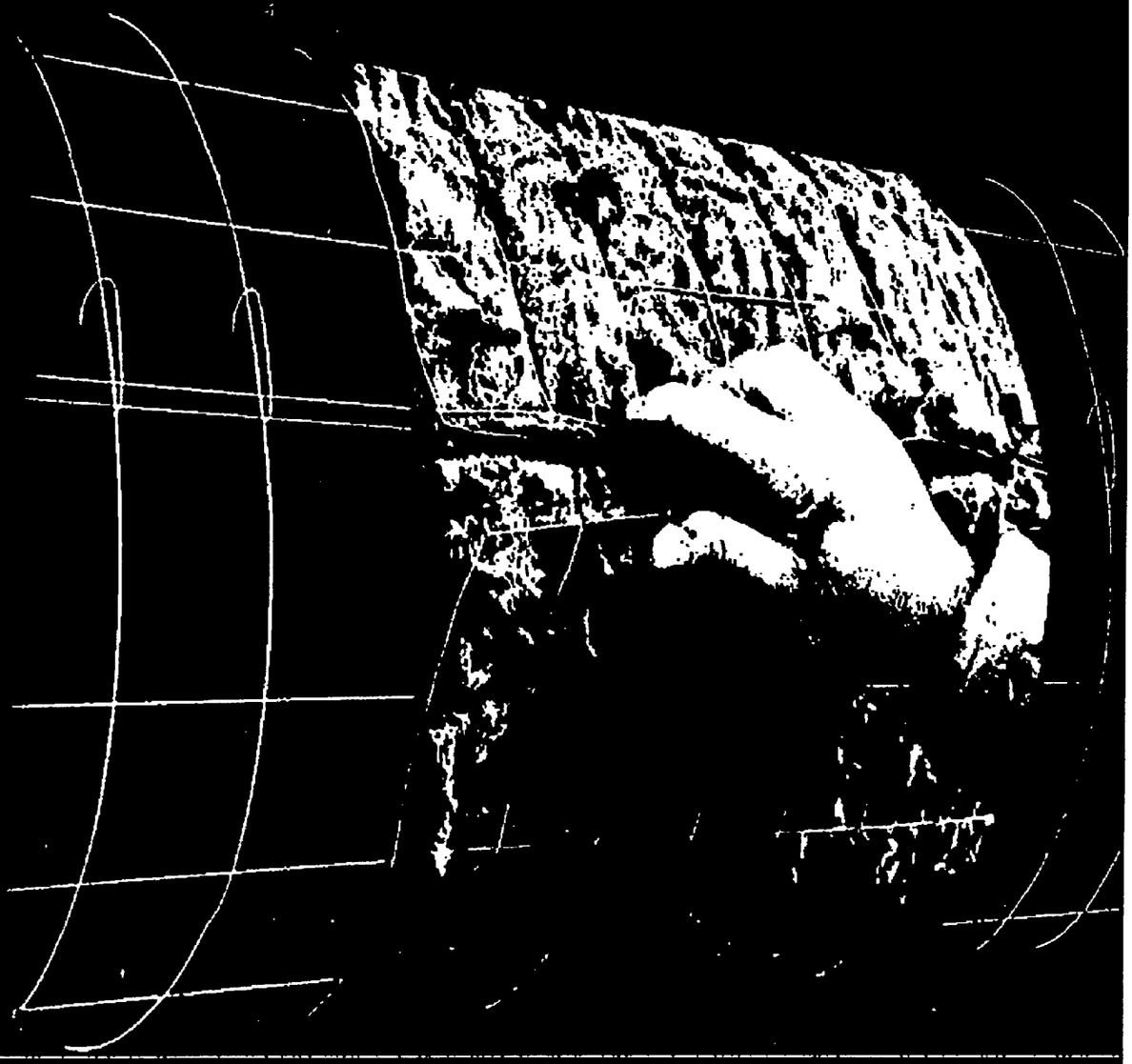
PLAINTIFF'S
EXHIBIT
KN-363

BALDWIN-EHRET-HILL



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High Speed Fastening

NO.

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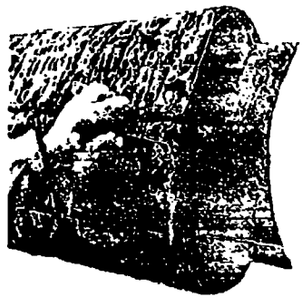


Speed Fastening

No. 101 PIPE INSULATION

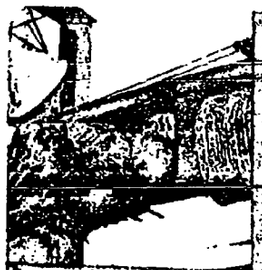
Ease and speed of application, resulting in lower applied cost, aptly describes the advantages gained by using this new B-E-H No. 101 Pipe Insulation. It is only a matter of minutes until each 2 foot section of No. 101 is secured around the pipe or nest of pipes. Further time is saved by the need for only a single layer to provide effective insulation at operating temperatures up to 1200 F.



B-E-H No. 101 is faced with 16 ga. galvanized welded wire of 2"x2½" mesh held in place by 16 ga. tie wires attached to 1" expanded metal lath strips on the inside surface. Speed fastening is accomplished by the use of seven extended lead wires which are threaded under the opposite stay wire and then bent up and over to secure the insulation snugly around the pipe.

This insulation is fabricated to a uniform density of high temperature and moisture resistant spun mineral wool, specially felted to interlock the fibers and to prevent fallout.

The outside finish should be determined by the service to be encountered by the pipe insulation. On long-run outside lines, it is recommended that galvanized or aluminum sheets or heavy roofing felt be used. On heated pipes enclosed in underground tunnels or conduits, roofing felt over the insulation provides protection.



APPLICATION

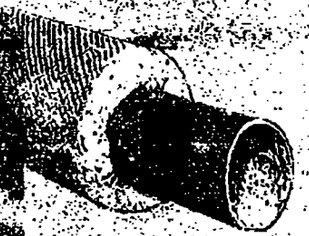
1. Place B-E-H No. 101 Pipe Insulation [illegible]
2. Draw together two opposite longitudinal stay wires [illegible] Bend center circumferential extended lead wire [illegible] wire to hold insulation around pipe, [illegible] lead wires.
3. Compact butt [illegible] Bend center lead wire back and press [illegible]
4. With butt edges held tightly together, press [illegible] blanket. B-E-H No. 101 Pipe Insulation is [illegible] metal [illegible] felt covering.



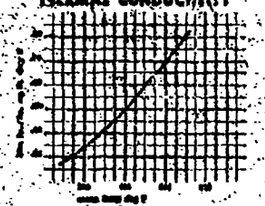
231733

For Heated Pipes to 1200 F

USES . . . . . B-E-H No. 100 Pipe Insulation is used for insulating heated pipe lines from 2 in. up to and including 30 in. diameter. B-E-H No. 101 is made for pipes from 4 in. up to and including 30 in. diameter.



THERMAL CONDUCTIVITY

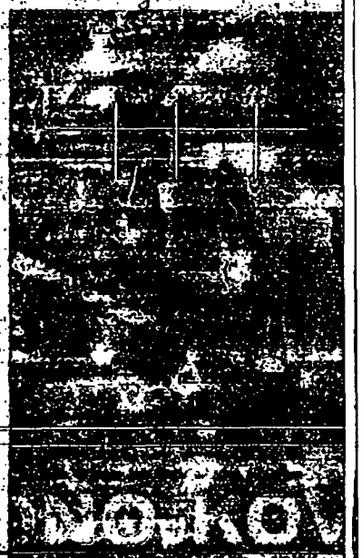


BALDWIN-EHRET-HILL
No. 100 PIPE INSULATION

B-E-H No. 100 Pipe Insulation is made of the same high temperature and moisture resistant spun mineral wool as No. 101. However, instead of the metal wire mesh, No. 100 is faced with expanded metal lath over the entire outside surface, tied with 16 ga. galvanized tie wires attached to metal lath strips on the inside. The edges are brought together around the pipe and are secured by lacing soft annealed wire through the mesh.

This insulation is particularly adapted for use where B-E-H Super Powerhouse Cement is to be applied over the entire surface. This cement trowels to a high glaze in a brilliant white finish and withstands drenching rain, sleet or snow a few hours after application. If desired it may be painted or weatherproofed for permanent outdoor service.

Both B-E-H No. 100 and 101 Pipe Insulations are easy to handle and apply. This is due to the manufacturing method in which the felted spun mineral wool is removed from the production line in rolls and the metal facings applied, without disturbing the natural interlocking of the fibers.



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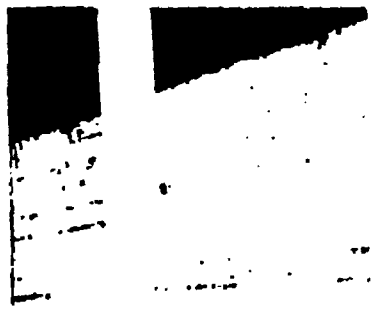
B-E-H No. 101 Pipe Insulation shall be applied directly to the surface of the pipe in thicknesses according to job specifications, drawings, or in accordance with the chart of recommended thicknesses on the preceding page. The insulation shall be wrapped tightly around the pipe in a manner to bring the butt ends of the insulation together. These ends shall be secured by threading the ends of the extended lead wires under the opposite stay wires, bending them back over the stay wires and pressing them into the mineral wool blanket.

FINISHED with Metal Jacket
Over the pipe insulation shall be applied 28 gauge galvanized metal sheets, lapped 2½" on the circumferential and 2" on the longitudinal joints. The metal covering shall be secured by ½" x .015" galvanized steel bands on 9" centers. The bands shall be machine stretched and held in place by crimping galvanized clips on the ends of the bands.

FINISHED with Roofing Felt Covering
Over the pipe insulation shall be applied a 45 lb. asphalt saturated and coated asbestos felt covering, lapped 2½" on the circumferential and 2" on the longitudinal joints. This covering shall be held in place with 16 gauge copper-weld wire, securely tightened and twisted, on 6" centers.

SPECIFICATIONS FOR THE APPLICATION OF B-E-H No. 100 PIPE INSULATION



B-E-H No. 100 Pipe Insulation shall be applied directly to the surface of the pipe in thicknesses according to job specifications, drawings, or in accordance with the chart of recommended thicknesses on the preceding page. The insulation shall be wrapped tightly around the pipe in a manner to bring the edges of the expanded metal lath, on the outside of the insulation, together. These edges shall be secured by lacing 18 gauge soft annealed wire tightly through the diamond meshes of the lath.

FINISHED with Improved Super Powerhouse Cement and Weatherproof Coating
Over the pipe insulation shall be applied a ½" coat of B-E-H Super Powerhouse Cement. When the cement is dry, apply wire mesh reinforcing stretched tightly around the B-E-H Super Powerhouse Cement surface. Then apply a finish coat of B-E-H Fibrekote ¼" thick, to dry to ⅛" thick, and trowel to a smooth finish.

BALDWIN-EHRET-HILL

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