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SPECIFICATIONS for INSTALLING
EAGLE-PICHER
FIREPROOFING CEMENT
on
LIQUEFIED PETROLEUM GAS TANKS



SPECIFICATIONS for INSTALLING EAGLE-PICHER FIREPROOFING CEMENT

on LIQUEFIED PETROLEUM GAS TANKS

1. SCOPE

These specifications cover a method of application of Eagle-Picher Fireproofing Cement and accessory materials to insure long lasting,* efficient fireproofing treatment for LPG tanks.

2. MATERIALS

Eagle-Picher Fireproofing Cement
Eagle-Picher "106" Finishing Cement
Eagle-Picher Stalastic
Eagle-Picher Stomastic
3/8" rib metal lath, or dimpled lath, painted,
3.4 lb./sq. yd.
3/4" x 0.028" galvanized metal bands with oilps
#9 ga. soft annealed galvanized iron wire
#16 ga. soft annealed galvanized iron wire
1" galvanized wire mesh netting

3. SURFACE PREPARATION

3.1 All metal surfaces to be fireproofed shall be cleaned of all scale, rust, loose paint, etc.
3.2 Cleaned surfaces shall be sprayed with a 1/16" coat of Eagle-Picher Stomastic.

4. RIB METAL LATH APPLICATION

4.1 TANK SIDE

4.1.1 Apply rib metal lath to tank surface with ribs in against the tank surface and running parallel to the axis of the tank. See Drg. No. 1.

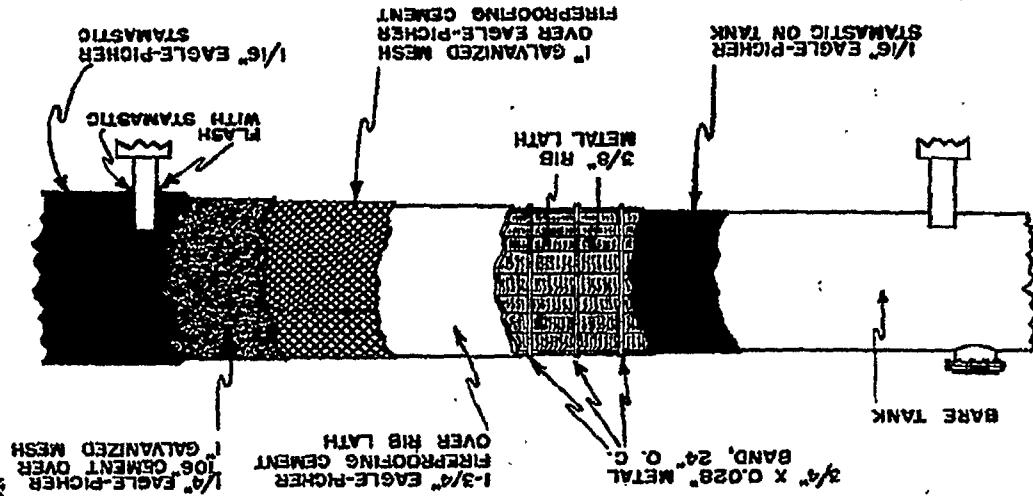
4.1.2 Hold rib lath in place with 3/4" x 0.028" galvanized metal bands on approximately 24" centers. Bands shall be machine stretched and crimped. See Drg. No. 1.

4.1.3 Where clearances prevent the use of banding tools, securely fasten the rib lath with #9 ga. soft annealed galvanized iron wire bands.

* NOTE: The permanence of the fireproofing treatment described in the following specifications is dependent entirely upon its weatherproofing. Special care should be taken to see that it is truly weather-tight.

4.1.1 TANK SIDE (Continued)

4. RIB METAL LATH APPLICATION (Continued)



Drawing No. 1

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4. RIB

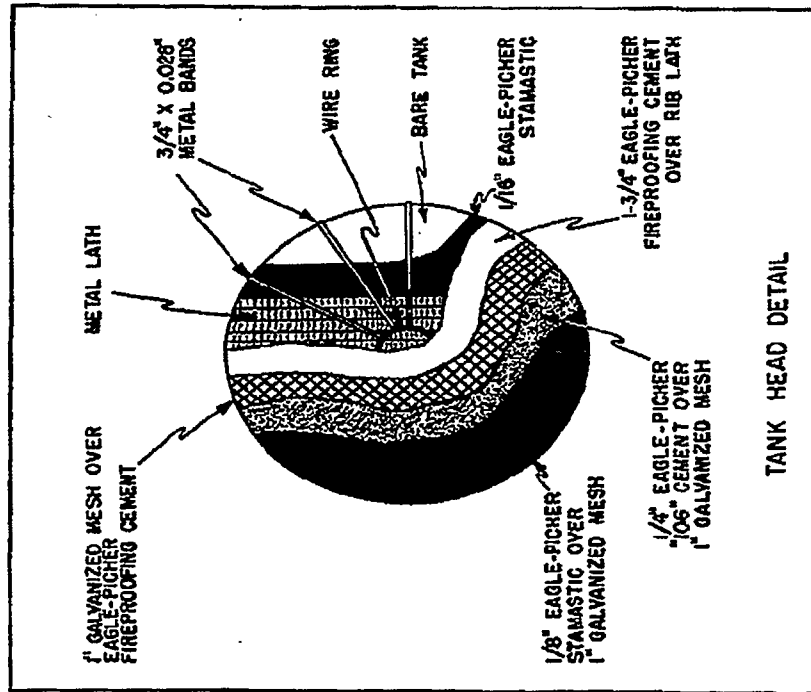
METAL LATH APPLICATION (Continued)

4.2 TANK HEADS

4.2.1 Apply rib, or dimpled, metal lath to tank surface with ribs, or dimples, in.

4.2.2 Hold lath in place with $5/4" \times 0.028"$ galvanized metal bands running radially from a floating #9 ga. soft annealed galvanized wire ring at center of head to end and circumferential bands installed as in 4.1. See Drg. No. 2. Bands shall be machine stretched and crimped.

4.2.3 Where clearances prevent the use of banding tools, radial bands may be made from #9 ga. soft annealed, galvanized, iron wire.



Drawing No. 2

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5. EAGLE-PICHER

FIREPROOFING CEMENT APPLICATION

5.1 MIXING INSTRUCTIONS

5.1.1 Mix the Eagle-Picher Fireproofing Cement with clean, fresh water in the ratio of 11 gal. to 100 lbs. dry cement. DO NOT MIX MORE THAN 3 HOURS' SUPPLY OF CEMENT AT ONE TIME.

5.1.2 Adding water in and effort to improve handleability of mixed cement that has started to set is not recommended.

5.2 NUMBER OF LAYERS

5.2.1 ALWAYS apply Eagle-Picher Fireproofing Cement in ONE LAYER.

5.3 METHOD OF APPLICATION

5.3.1 Apply Eagle-Picher Fireproofing Cement to a thickness of $1-3/4"$ over the rib metal lath installed as in 4.1 and 4.2.

5.3.2 Thoroughly key the Fireproofing Cement into the rib metal lath.

5.3.3 Allow the Fireproofing Cement to dry not less than 24 hours before any other materials are applied over it.

6. GALVANIZED WIRE MESH NETTING APPLICATION

6.1 Apply the $1"$ galvanized wire mesh netting over all Eagle-Picher Fireproofing Cement surfaces. Stretch the netting to follow the contour of tank and lace all edges tightly together with 18 ga. galvanized, soft annealed, iron wire.

7.1 MIXING INSTRUCTIONS

7.1.1 Mix Eagle-Picher "108" Finishing Cement with clean, fresh water in the ratio of approximately 9-1/2 gal. to 100 lbs. of dry cement.

7.1.2 DO NOT MIX MORE THAN 1/2 HOUR'S SUPPLY OF CEMENT AT ONE TIME. If possible, apply as soon as mixed.

7. EAGLE-PICHER "108" FINISHING CEMENT APPLICATION

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