

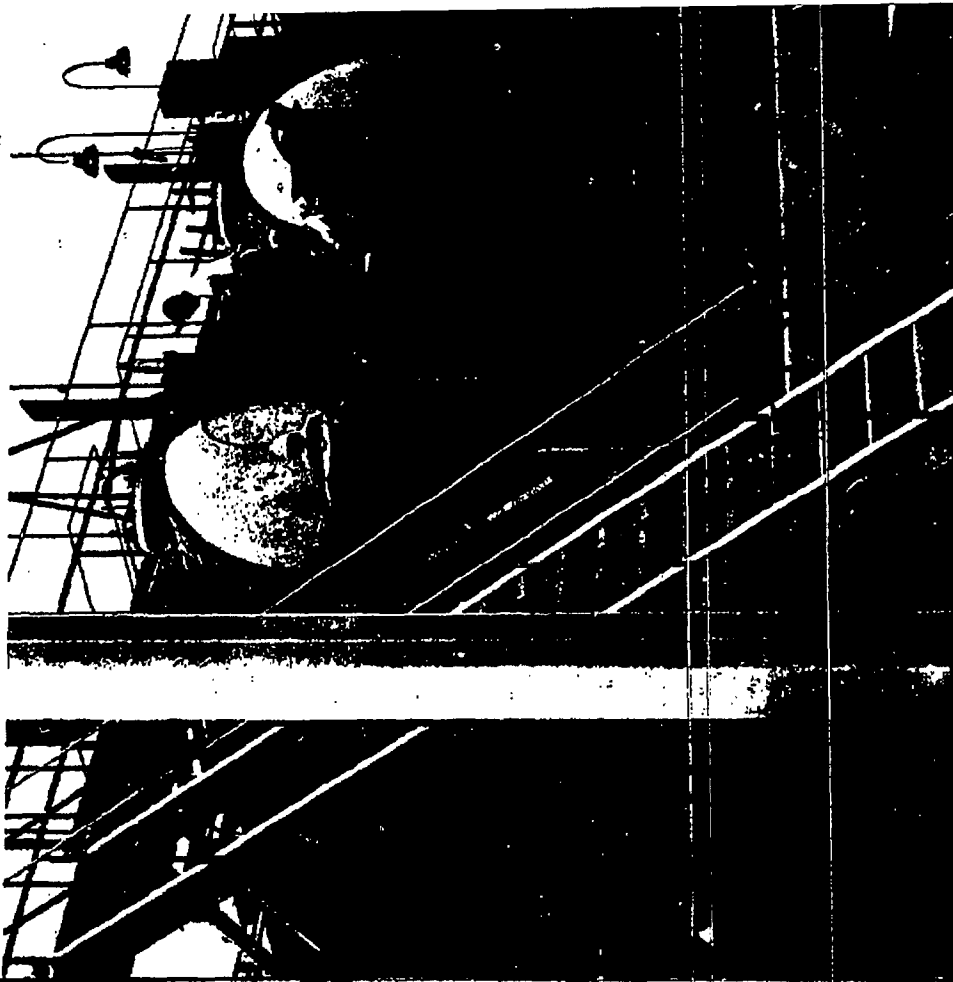
FOANGLAS[®] APPLICATION SPECIFICATIONS

...for MEDIUM TEMPERATURE Equipment and Piping.

(70°F. TO 212°F.)

This specification covers the application of FOANGLAS insulation for use on equipment and piping normally operating at temperatures between 70° F. and 212° F. It is applicable to either indoor or outdoor service.

201038



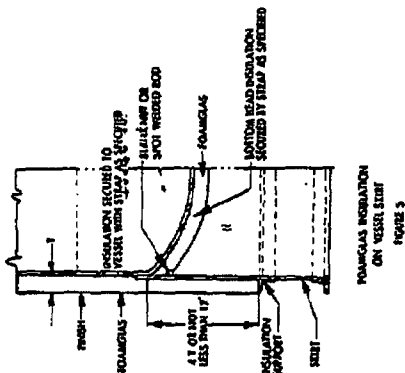
P I T T S B U R G H **pc** C O R N I N G

PLAINTIFF'S
EXHIBIT
U-701

25:00

5. Where requirements dictate, skirts supporting vertical equipment shall be insulated outside as part of equipment area. FOAMGLAS insulation to extend downward from junction of inside of skirt with bottom head as required in accordance with the function of the insulation (heat conservation, fire or personnel protection, etc.). Blank nets or rod welded on 12" centers shall be provided on inside of skirt for securing of bottom head insulation. Typical installation is shown in Figure 5.

6. Where equipment is subject to excessive vibration, the insulation surface in contact with the equipment and the insulation edges shall be coated with a thin application (to fill surface cells only) of specified anti-abrasive coating, and allowed to dry before application of the insulation.



D. Finish

A variety of materials may be used for finishing FOAMGLAS insulation to meet specific design conditions. Typical finishes include:

1. Glass fabric reinforced mastic.

After specified thickness of equipment insulation has been installed, a last coat of an approved coating (Pittco 300, or 400) shall be sprayed, brushed or troweled on to the insulation at 2 gallons per 100 sq. ft. While the coat is still tacky, an open weave glass membrane (10" x 10" or 10" x 20" mesh, asphalt impregnated for Pittco 300, non-asphaltic for Pittco 400) shall be laid smooth and thoroughly embedded in the coating. Care must be exercised that the weave does not rupture and that the cloth is overlapped approximately three inches to provide strength at joint equal to that maintained elsewhere.

Before surface becomes dry to the touch, a second coating shall be sprayed, brushed or troweled over the reinforcing cloth. Coverage shall be 6 gallons per 100 sq. ft. for Pittco 300, and 4 gallons per 100 sq. ft. for Pittco 400. The glass fabric shall be completely covered with mastic with no portion visible.

Painting

When asphaltic materials are specified for the weathercoat and paint is desired, it may be done as follows:

a. As soon as asphalt surface has dried, the surface shall be painted with an asphalt base aluminum paint.

b. If color is desired, the asphalt surface shall be sealed with asphalt sealer and painted to desired color.

2. Aluminum or light steel metal jacketing.

Aluminum or light steel metal jacketing shall be applied over the insulation with a minimum 3" overlap and fastened snugly with corrosion-resistant bands or screws. Aluminum shall have an integral moisture barrier.

3. Asphalt-impregnated felt.

Asphalt-impregnated felt (45 lb. asbestos felt recommended) shall be secured over the insulation with corrosion-resistant bands or wire with edges lapped.

E. Flashing

On equipment located outdoors, it is imperative that proper flashing materials and methods be used at nozzles, manholes and other projections, as well as the junction of horizontal and vertical installations.

PIPE SIZE IPS		VESSEL O.D.	
6" and under	7" to 26"	48" and under	Over 48" to flat
1"	1 1/2"	1 1/2"	2"

Table I

II. PIPING

A. Thickness

All piping shall be insulated with the proper thickness of FOAMGLAS insulation as shown in Table I.

B. Application

1. Where single layer "Factory-wrapped" insulation is used, application shall be made as received, with joints tightly butted. Wrapping laps shall be brushed with approved coating and pressed firmly in place.

2. Where single layer "Regular" insulation is used, the FOAMGLAS insulation shall be applied to piping with butt joints staggered and with all joints tightly butted. A finish shall then be applied in similar manner as called for under "Equipment" in these specifications.

LEOANGLAS[®] APPLICA

...for HIGH TEMPERATURE

This specification covers the application of F normally operating at temperatures to +200°



201045

General Office:

Pittsburgh Corning Corporation
One Gateway Center
Pittsburgh, Pennsylvania 15222
412 261 2500

Houston, Texas 77006
2122 Dabney
P. O. Box 25107
212 529 4345

New York, New York 10017
227 Park Avenue
212 876 5090

Pittsburgh, Pennsylvania 15102
Leeds Tower Building
275 South Fifth Avenue Street
412 546 2510

Seattle, Washington 98101
145 3rd Avenue East
206 323 5550

Field Offices:

Atlanta, Georgia 30328
215 Sandy Springs Place, N. W.
404 362 1440

Oak Brook, Illinois 60521
Suite 703
Oak Brook Professional Bldg
312 694 0610
Chicago Number 242 4116

Toronto 17 Ontario, Canada
1401 Gladwin Avenue East
416 485 6501

P I T T S B U R G H **pc** C O R N I N G

Litho in U.S.A.

PL-1045 Rev. 5/6-1/66

P I T T S B U R G H