

FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

ALTERNATE FORM FOR SINGLE CHAMBER COMPLETELY SHOP FABRICATED VESSELS ONLY

Anco P.O. 13963

1. Manufactured by FLINT STEEL CORPORATION, WEST MEMPHIS, ARKANSAS S.O. No. 8127
 (Name and address of the manufacturer) Fritch, Texas

2. Manufactured for Anco Mfg. & Supply Co. Mid-America Pipeline Co. P. O. No. 9590
 (Name and address of the purchaser)

3. Type Horiz Vessel No. (54166) (Mfg. Serial) (State & State No.) Nat'l Bd. No. 54106 Yr. Built 1968

4. SHELL: Material SA-212-B T.S. F070000 Non-Corr. 0 In. Allow. 10 In. Diam. 10 ft. 10 in. Length 166 ft. 9 in.

5. SEAMS: Long DBI Butt H.T. No X.R. Complete Sectioned No Efficiency 100 %
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth DBI Butt H.T. No X.R. Complete Sectioned No No. of Courses 23

6. HEADS: (a) Material SA-455-B T.S. F073000 (b) Material SA-455-B T.S. F073000

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) End	<u>.528" Min.</u>					<u>65"</u>		<u>Concave</u>
(b) End	<u>.528" Min.</u>					<u>65"</u>		<u>Concave</u>

7. Constructed for max. allowable working press. 250 psi at max. temp. 130 Min. temp. (when less than 20°) 6" F. Hydrostatic Press. 375 Test Press. 4" I"

8. SAFETY OR RELIEF VALVE OUTLETS Number 1 Size WN Fig. Location From Hd. Seam

9. NOZZLES:

Purpose, (Inlet Outlet Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
<u>Spray Fill</u>	<u>1</u>	<u>4"</u>	<u>W.N. Fig.</u>	<u>SA-181-1</u>	<u>300#</u>	<u>15/16"x8"OD</u>	<u>Welded</u>
<u>Drain-Vapor</u>	<u>3</u>	<u>4"</u>	<u>S.O. Fig.</u>	<u>SA-181-1</u>	<u>300#</u>	<u>15/16"x8"OD</u>	<u>Welded</u>
<u>Guide Wire</u>	<u>2</u>	<u>1 1/2"</u>	<u>W.N. Fig.</u>	<u>SA-181-1</u>	<u>300#</u>	<u>Inc.</u>	<u>Welded</u>
<u>Gauge</u>	<u>1</u>	<u>1 1/2"</u>	<u>W.N. Fig.</u>	<u>31-1</u>	<u>300#</u>	<u>Inc.</u>	<u>Welded</u>
<u>Vent-Gauge</u>	<u>2</u>	<u>1" & 3/4"</u>	<u>Coup.</u>	<u>SA-105-11</u>	<u>6000#</u>	<u>Inc.</u>	<u>Welded</u>
<u>T.W.</u>	<u>1</u>	<u>1 1/2"</u>	<u>Pipe</u>	<u>SA-53-B</u>	<u>XX-Hvy</u>	<u>Inc.</u>	<u>Welded</u>

Liquid Outlet 8" S.O. Fig. SA-181-1 300# 15/16"x15-1/8"OD Welded

Press Drain 2" W.N. Fig. SA-181-1 300# Inc. Welded

10. INSPECTION MANHOLES: 1 Size 18" 300# Location Top of Shell 5'9" From Hd. Seam

OPENINGS: Handhole No

11. SUPPORTS: Skirt No Legs 1 Size 2-Wear Plates Attached 5'6" of Shell Welded

12. REMARKS: 131-7/8" O.D. x 166'9" S.L. x 177'9" O.A.L. - Propane (Where & How)
Storage Tank Built per 1965 ASME Code Sec. II, VIII, & IX with 5 ft. HENT
Heads Spot X-Rayed Per Per UW52b
 Capacity 120,000 Water Gallon

We certify that the vessel described in this report was designed, fabricated, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

This vessel constructed in accordance with plans & specifications of drawing No. 67-3654-1R3

Date 1-12-68 FLINT STEEL CORPORATION Manufacturer

Certificate of Authorization Expires No. 72 DEC 31 1970

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY FLINT STEEL CORPORATION WEST MEMPHIS, ARKANSAS

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Arkansas and employed by Commercial Union Insurance Company of New York, New York have inspected the pressure vessel described in this manufacturer's data report on 1-5-68 1968 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 1-12-68 1968
Paul Lindford Commissions
 National Bd. No. 4974