

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

JOB NO 3960

1. Manufactured by **SHELTON EQUIPMENT & MACHINE CO., INC. 4110 AMARILLO BLVD-EAST, AMARILLO, TEXAS**
(Name and address of Manufacturer)

2. Manufactured for **CELANESE CHEMICAL CORPORATION**
(Name and address of Purchaser)

3. Type **VERT.** Vessel No. (**A-3380**) (Mfrs. Serial) (State & State No.) Natl. Bd. No. Yr. Built **1964**

4. SHELL: Matl. **A-240 T304 SS** T.S. **75M** Nom. Thk. **1875** In. Allow. **0625** In. Diam. **2** Ft. **6** In. Length **5** Ft. **0** In.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long **DBL BUTT** S.R. **NO** X.R. **SPOT** Sectioned **NO** Efficiency **85** %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth **DBL BUTT** S.R. **NO** X.R. **SPOT** Sectioned **NO** No. of Courses **1**

6. HEADS: (a) Material **A-240 T304 SS** T.S. **75M** (b) Material **A-240 T304 SS** T.S. **75M**

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) TOP	.25	24"	2 1/8"					CONCAVE
(b) BTM	.25	24"	2 1/8"					CONCAVE

If removable, bolts used _____ Other fastening _____
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. **136** psi. at max. temp. **400** °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Test Press. **248** psi.
Pneumatic or Combination Test Press. _____

8. SAFETY OR RELIEF VALVE OUTLETS: Number **1** Size **2"** Location **TOP HEAD**

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
PRODUCT INLET:	1	3/4"	R.F.W.N.	304 SS	150#		WELDED
PRODUCT OUTLET:	1	3/4"	R.F.W.N.	304 SS	150#		WELDED

10. INSPECTION Manholes, No. **1** Size **20"** Location **SHELL**
OPENINGS: Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt _____ Lugs _____ Legs **4** Other _____ Attached **WELDED BTM HEAD & SHELL**
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: **ITEM #V-467 PER SEMCO DWG. #FL-713-2**

95784

PURCHASE ORDER NO. 21-35-77-3

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)

¹ List other internal or external pressures with coincident temperature when applicable.)

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date **FEBRUARY 11** 19 **64** Signed **SHELTON EQUIPMENT & MACHINE CO.** By **C. W. Newman**
(Manufacturer) (Signature)

Certificate of Authorization Expires

DECEMBER 31, 1964

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. **B-3380**

VESSEL MADE BY **SHELTON EQUIPMENT & MACHINE CO.** at **AMARILLO, TEXAS**

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF **TEXAS** and employed by **COMMERCIAL UNION INSURANCE COMPANY** of **NEW YORK**, inspected internally and externally, the vessels described in this report on **FEBRUARY 11, 1964**, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date **FEBRUARY 11, 1964**

R. F. WILDER

Inspector's Signature

Commissions

TEXAS #130

State or Natl. Bd. & Number