

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

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only

As required by the Provisions of the ASME Code Rules and the National Board

1. Manufactured by DOWNINGTOWN IRON WORKS Div. of Pressed Steel Tank Co., Downingtown, Pa. (Name and address of Manufacturer)

2. Manufactured for Ford Motor Company, Dearborn, Michigan (Name and address of Purchaser)

3. Type Horiz. Vessel No. (59095) (Mfrs. Serial) Nat'l Bd. No. 59095 Yr. Built 1964 (Horiz. or Vert.) (State & Std. No.)

4. SHELL: Mat'l SA212-B T.S. 70,000 Nom. Thk. 15/16 Corr. Allow. 0 in. Diam. 10 ft. 10-1/8 in. Length 36 ft. 4 in. (Kind and Spec. No.) (Fig. or F. B. & Spec. Min. T.S.)

5. SEAMS: Long WDB H.T. NO X.R. Complete Sectioned NO Efficiency 100 % (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No) If riveted or brazed describe same fully under remarks.

6. HEADS: (a) Material SA-455-B T.S. 73,000 (b) Material T.S.

Table with columns: Location (Top, bottom, ends), Thickness, Crown Radius, Knuckle Radius, Elliptical Ratio, Conical Apex angle, Hemispherical Radius, Flat Diameter, Side to Pressure (Convex or Concave). Row (a) Ends, .528" min., 65-1/16", Concave.

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

7. Constructed for max. 250 allowable working press. psi. at temp. max. 600 °F Min. temp. (when less than -20°) °F. Hydrostatic Test Press 375. psi. (Describe or Attach Sketch)

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 2" Location Manhole Cover

\* 9. NOZZLES:

Table with columns: Purpose, (Inlet Outlet, Drain), Number, Diam. or Size, Type, Material, Thickness, Reinforcement Material, How Attached. Rows: Drain, Misc. 3 (3/4", 1", 3") Threaded SA-105 3000# NONE Welded; Misc. 2 2" Pad SA-212 300# NONE Welded; Misc. 1 1-1/4" Threaded SA-106 X.X.H. NONE Welded.

10. INSPECTION Manholes, No. 1 Size 18" Location Shell

OPENINGS Handholes, No. Threaded, No. Location

11. SUPPORTS: Skirt Lugs Legs Other (2) Saddles Attached Shell, Welded (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: L P G Storage Tank For Non-Corrosiver Service For Non-Lethal Service

\* Also has (4) Misc. 2" pipe taps in Manhole cover

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc. - State Contents. List other Internal or External Pressure 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 July 10, 19 64 Signed DOWNINGTOWN IRON WORKS (Manufacturer) By M. R. Swisher M. R. Swisher

Certificate of Authorization Expires 12-31-64 CERT. OF AUTH. #174

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. H.S.B. 59095 VESSEL MADE BY DOWNINGTOWN IRON WORKS at Downingtown, Pa.

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF PENNA. and employed by The Hartford Steam Boiler Ins. & Insp. Co. of Hartford Conn. inspected internally and externally, the vessel described in this report on AUG 25 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 AUG 25 1964 Inspector's Signature F. J. Dorkin Commissions N.B. #4328, Pa. #1750 State or Nat'l Bd. & Number