

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 DOWNTOWN 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. (59096) (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 59096 Yr. Built 1964

4. SHELL: Mat'l SA-212-B, T.S. 70,000, Nom. Thk. 15/16, Corr. 0, in. Allow. 10, ft. 10-1/8, in. Length 36 ft. 4 in.

5. SEAMS: Long WDB, H.T. NO, X.R. Complete, Sectioned NO, Efficiency 100%, Girth WDB, H.T. NO, X.R. Complete, Sectioned NO, No. of Courses 4

If riveted or brazed describe seams fully under remarks.

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

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

If removable, bolts used Other fastening

7. Constructed for max. 250 psi at temp. 600 F Min. temp. (when less than -20 F) Hydrostatic Test 375 psi

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

Table for NOZZLES with columns: Purpose, Number, Diam. or Size, Type, Material, Thickness, Reinforcement Material, How Attached. Rows for Drain, Misc., and another Misc.

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

11. SUPPORTS: Skirt Lugs Legs Other (2) Saddles Attached Shell, Welded

12. REMARKS: L.P.G. Storage Tank For Non-Corrosive 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 DOWNTOWN IRON WORKS By M. R. Swisher (Manufacturer) Certificate of Authorization Expires 12-31-64 CERT. OF AUTH. #174

CERTIFICATE OF SHOP INSPECTION. Inspection Agency's Serial No. H.S.R. 59096. VESSEL MADE BY DOWNTOWN 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. & Inv. 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 H. J. ... Commissions N.B. #4328, Pa. #2750 State or Nat'l Bd. & Number