

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. (59094) (Mfr. Serial) Nat'l Bd. No. 59094 Yr. Built 1964
(Horiz. or Vert.) (State & Std. No.)

4. SHELL: Mat'l SA-212, B FB T.S. 70,000 Nom. Thk 15/16 in. Allow. 0 Cor. In. Diam 10 ft. 10-1/8 in. Length 36 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 %
(Weided, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth WDB H.T. NO X.R. Complete Sectioned NO No. of Courses 4

If riveted or braced describe seams 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

7. Constructed for max. 250 max. 600 Min. temp. (when allowable working press. psi. at temp. °F less than -20°) °F. Hydrostatic Test Press ... 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., Misc., Misc.

10. INSPECTION Manholes, No. Size Location
OPENINGS Handholes, No. Size Location
Threaded, No. Size Location

11. SUPPORTS: Shirt 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-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 DOWNINGTOWN IRON WORKS By M. R. Swisher
(Manufacturer) 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.R. 59094
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. & Ship 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 10
Inspector's Signature H. J. Donlin
Commissions N.B. #4328, Pa. #1750
State or Nat'l Bd. & Number