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. (Horiz. or Vert.) Vessel No. (59091) (Mfrs. Serial) ( ) (State & Std. No.) Nat'l Bd. No. 59091 Yr. Built 1964

4. SHELL: Mat'l SA-212-B FS T.S. 70,000 Nom. Thk. 15/16 in. 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 (Welded, Dbl., Single, Lap, Butt) H.T. NO (Yes or No) X.R. Complete (Spot or Complete) Sectioned NO (Yes or 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.

	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)	Ends	.528" min.					65-1/16"		Concave
(b)									

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

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

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

* 9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
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 OPENINGS Manholes, No. 1 Size 18" Location Shell
Handholes, No. Size Location
Threaded, No. Size Location

11. SUPPORTS: Skirt (Yes or No) Lugs (Number) Legs (Number) Other (2) Saddles (Describe) Attached Shell Welded (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 (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. 59091

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 19 , 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 19

R. J. Rankin
Inspector's Signature

Commissions N.B. #4328, Pa. #1750
State or Nat'l Bd. & Number

64S286 Dwg. C-6212