

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by AMF BEAIRD, INC., SHREVEPORT, LOUISIANA
(Name and address of Manufacturer)

2. Manufactured for REFINERY ENGINEERING LTD. CALGARY, ALBERTA, CANADA
(Name and address of Purchaser)

3. Type Horiz. Vessel No. (143370-7) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 81668 Yr. Built 1966

4. SHELL: Matl. SA-212-B-Flg. T.S. 70,000# Nom. 15/16 Corr. 0 In. Allow. 0 In. Diam. 10 Ft. 10 In. Length 53 Ft. 11-1/2 In.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt H.T. No X.R. Complete Sectioned No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth Dbl. Butt H.T. No X.R. Complete Sectioned No No. of Courses 8

6. HEADS: (a) Material SA-455-B-Flg. T.S. 73,000# (b) Material T.S.
Location (Top, bottom, ends) Thickness .528" Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius 65.02" Flat Diameter Side to Pressure (Convex or Concave) Concave
(a) Ends
(b)
If removable, bolts used (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 250 psi. at max. temp. 100 °F. Min. temp. (when less than -20°) °F. Hydrostatic Pneumatic or Test Press. 375 psi.
Combination }
Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 4" Location Top of tank in shell

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
(1) 1/2" (1) 3/4" 6000#	Special Cplgs.	SA-105-II	Welded				
(1) 1" 6000#	C plgs.	SA-105-II	Welded				
(4) 2" (1) 3" 150#	Slip on Flgs.	SA-181-1	Welded				
(1) 4" (1) 6" 150#	Slip on Flgs.	SA-181-1	Welded				

10. INSPECTION Manholes, No. 1 Size 18" Location End of tank in head
OPENINGS: Handholes, No. Size Location
Threaded, No. Size Location

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

12. REMARKS: One 130" I.D. x 65' 8-1/2" O.A. Length 42,003 W.G. Propane Storage Tank, per Beaird Dwg. Order 143370

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

¹ If postweld heat-treated.

² 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 design, material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels. 1965 Edition

Date 8-9 19 66 Signed AMF BEAIRD, INC. By W. J. Thomas
(Manufacturer)

Certificate of Authorization Expires December 31, 1967

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY AMF BEAIRD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of N. B. and employed by THE COMMERCIAL UNION INSURANCE COMPANY of NEW YORK have inspected the pressure vessel described in this manufacturer's data report on 8-9 19 66, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 8-9 19 66

M. F. Sullivan
Inspector's Signature
M. F. Sullivan

Commissions N. B. COMM. 4447

Natl Board or State and No.