

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. (143370-6) (Mfrs. Serial) Natl. Bd. No. 81667 Yr. Built 1966
(Horiz. or Vert.) (State & State No.)

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

5. SEAMS: Long Dbl. Butt P.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. _____
(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) Location _____ (b) _____
If removable, bolts used _____ Other fastening _____ (Describe or Attach Sketch)

7. Constructed for max. allowable working press.² 250 psi. at max. temp. 100 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Pneumatic or Test Press. 375 psi.
Combination

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#	Cplgs.	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 8-8 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 8-8 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 8-8 19 66

M. F. Sullivan
Inspector's Signature

Commissions

N. B. COMM. 4447
Nat'l Board or State and No.