

**FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS**  
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only  
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division I

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

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

3. Type Horiz. Vessel No. 194354-01-5 (Mrs. Serial) (State & State No.) Natl. Bd. No. 87050 Yr. Built 1972

4. SHELL: Matl. SA-515-70 T.S. 70,000# Nom. 15/16 Corr. Thk. 0 In. Allow 0 In. Diam. 10 Ft. 10 In. Length 65 Ft. 9-3/4 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

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

If riveted or brazed describe seams fully under remarks.

    Girth Dbl. Butt H.T. No R.T. Complete Sectioned No No. of Courses 9

6. HEADS: (a) Material SA-455-B T.S. 73,000# (b) Material SA-515-70 T.S. 70,000#  
\* (Top, bottom, ends) Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)

(a) Ends .528" 65.0235" 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. 100 °F. Min. temp. (when less than -20°) \_\_\_\_\_ °F. Hydrostatic Test Press 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 2" Location Top of tank in shell

9. NOZZLES: (1) 3/4" 6000# Special Cplg. F.S. Reinforcement Material Welded  
Purpose (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Inlet (1) 3" 6000# Pad Type Cplg.					SA-515-70		Welded
Outlet (1) 2" 3000# Half Cplg. F.S. Drain	(1) 2" 3000# Cplg.			F.S.			Welded
	(1) 1" (4) 2" (1) 2-1/2" 3000# Cplgs.			F.S.			Welded
	(1) 3" 6000# Pad Type Cplg.				SA-515-70		Welded
	(1) 3/4" Sch. 80 Seamless Pipe (Thermowell)				SA-106-B		Welded

10. INSPECTION Manholes, No. 1 Size 16" Location 150# Pad Type SA-105-TT  
 OPENINGS: Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location Top of tank in shell  
 Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other (2) Saddles Attached (1) Welded to tank shell  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130" I.D. x 76' 5-3/8" O.A. Length 50,163 W.G. Propane Storage Tank, per AMF Beaird, Inc. Dwg. Order 194354-01

\* Head seams spot X-rayed Joint Eff. 85%

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents, if postweld heat-treated. 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 Pressure Vessels, Section VIII, Division I, 1971 Edition

Date 9-7 1972 Signed AMF BEAIRD, INC. (Manufacturer) By [Signature]

Certificate of Authorization No. 804 Expires December 31, 1974

**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 or Province \_\_\_\_\_ and employed by EMPLOYERS COMMERCIAL UNION INSURANCE CO. of \_\_\_\_\_ have inspected the pressure vessel described in this manufacturer's data report on 9-7 1972 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 9-7 1972 Inspector's Signature [Signature] Commission N. B. COMM. 2660  
Nat'l Board, State, Province and No.

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

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

3. Type Horiz. Vessel No. 194354-01-3 (Mrs. Serial) (State & State No.) Natl. Bd. No. 87048 Yr. Built 1972

4. SHELL: Matl. SA-515-70 T.S. 70,000# Nom. 15/16 Corr. 0 In. Allow 0 In. Diam. 10 Ft. 10 In. Length 65 Ft. 9-3/4 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) (Thk. In.)

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

6. HEADS: (a) Material SA-455-B T.S. 73,000# (b) Material SA-515-70 T.S. 70,000#  
(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" 65.0235" 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. 100 °F. Min. temp. (when less than -20°) \_\_\_\_\_ °F. Hydrostatic Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 2" Location Top of tank in shell

9. NOZZLES: (1) 3/4" 6000# Special Cplg. F.S. Reinforcement Material SA-515-70 How Attached Welded

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Inlet	(1)	3"	6000# Pad Type Cplg.	F.S.	SA-515-70	SA-515-70	Welded
Outlet	(1)	2"	3000# Half Cplg. F.S. Drain	F.S.	SA-515-70	SA-515-70	Welded
	(1)	1"	(4) 2"	(1) 2-1/2"	3000# Cplgs.	F.S.	Welded
	(1)	3"	6000# Pad Type Cplg.	F.S.	SA-515-70	SA-515-70	Welded
	(1)	3/4"	Sch. 80 Seamless Pipe (Thermowell)	F.S.	SA-106-B	SA-106-B	Welded

10. INSPECTION Manholes, No. 1 Size 16" Location 150# Pad Type SA-105-TT

OPENINGS: Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location Top of tank in shell

Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other (2) Saddles Attached (1) Shipped loose (1) Welded to tank shell  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130" I.D. x 76' 5-3/8" O.A. Length 50,163 W.G. Propane Storage Tank, per AMF Beard, Inc. Dwg. Order 194354-01

If riveted or brazed describe seams fully under remarks.

\* Head seams spot X-rayed Joint Eff. 85%  
(Give description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents. If postweld heat-treated. 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 Pressure Vessels, Section VIII, Division I, 1971 Edition

Date 8-30 19 72 Signed AMF BEARD, INC. By [Signature]  
(Manufacturer)

Certificate of Authorization No. 804 Expires December 31, 1974

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY AMF BEARD, 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 or Province \_\_\_\_\_ and employed by EMPLOYERS COMMERCIAL UNION INSURANCE CO. of \_\_\_\_\_ have inspected the pressure vessel described in this manufacturer's data report on 8-30 1972, 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 8-30 19 72

[Signature] Inspector's Signature Commission N. B. COMM. 2660 Nat'l Board, State, Province and No.