

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 NORTH SHORE GAS COMPANY, CHICAGO, ILLINOIS SHIP C/O NORTH SHORE INSTALLATION
(Name and address of Purchaser) MUNDELEIN, ILLINOIS

3. Type Horiz. Vessel No. 182750-01-9 (Mfrs. Serial) (State & State No.) Natl. Bd. No. 85828 Yr. Built 1971
(Horis. or Vert.)

4. SHELL: Matl. SA-515-70 T.S. 70,000# Nom. 15/16 Corr. 5-1/4
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) Thk. in. Allow 0 In. Diam. 10 Ft. 10 In. Length 80 Ft. 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)
Girth Dbl. Butt H.T. No R.T. Complete Sectioned No No. of Courses 11

If riveted or
braced describe
seams fully under
remarks.

6. HEADS: (a) Material SA-455-B T.S. 73,000# (b) Material * See remarks
(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. 2 250 psi at max. temp. 150 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Pneumatic or Test Press. 375 psi.
Combination }

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 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) 3/4" 6000# Cplg.	SA-105-II (1)	3/4" Sch. 80	Seamless Pipe	(Thermowell)	SA-106-B	Welded	
(1) 2" (1) 3" 300#	Drilled & Tapped Pad Type Flgs.				SA-515-70	Welded	
(2) 4" 300#	Drilled Pad Type Flgs.				SA-515-70	Welded	
(1) 2-1/2" Special (Slip on Type) Flg.	SA-106-B SA-515-70	3/8"			SA-515-70	Welded	
(2) 3/4" (1) 2" (1) 3"	Drilled & Tapped Holes in Manway Cover						

10. INSPECTION OPENINGS: Manholes, No. 1 Size 18" Location Pad 7/8" SA-515-70 Neck 3/8"
Handholes, No. _____ Size _____ Location SA-515-70 Flg. 300# S.O. SA-181-I
Threaded, No. _____ Size _____ Location Top of tank in shell

11. SUPPORTS: Skirt _____ Lugs _____ Legs _____ Other (2) Saddles Attached Shipped loose
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130" I.D. x 91' 9-3/16" O.A. Length 60,248 W.G. Propane Storage Tank, per Beaird
Dwg. Order 182750-01

* 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.

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. 1968 Edition Div. 1

Date 8-17, 1971 Signed AMF BEARD, INC.

Certificate of Authorization 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 N. B. and employed by EMPLOYERS COMMERCIAL UNION INSURANCE CO. of

_____ have inspected the pressure vessel described in this manufacturer's
data report on, 8-17 1971, and state that to the best of my knowledge and belief, the manufac-

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. 8-17 19 71

Commissions

N. B. COMM. 2660

Nat'l Board of State and No.