

DWF 608962

Bensworth

FORM U-1-A 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 1.

U.S. DEPT. OF COMMERCE
 FORM LPG-5

FOXWARREN

S/O-Q-608962

1. Manufactured by TRINITY INDUSTRIES, INC., 1001 RAINER RD., W. MEMPHIS, ARK. 72301
 (Name and address of the manufacturer)

2. Manufactured for UNITED GRAIN GROWERS LTD., FOXWARREN, MANITOBA, CANADA
 (Name and address of the purchaser)

3. Type HOIRZ Vessel No. (608962) (Mfrs. Serial) (State & State No.) Nat'l. Bd. No. 80077 Yr. Built 1976

4. SHELL Mat'l. SA-612-B T.S. 81,000 Nom. Thk. 6733 in. Corr. Allow. 0 in. Diam. 9 ft. 0 in. Length 65 ft. 11 in. 375

5. SEAMS Long DBL. BUTT H.T. NO H.T. COMP. Section NO Efficiency 100 %
 (Welded, Obl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Circle DBL. BUTT H.T. NO H.T. COMP. Sectioned NO No. of Courses 6

6. HEADS (a) Material SA-612-A * T.S. 83,000 (b) Material SA-612-A * T.S. 83,000

	Location (Top, Bottom, Ends)	Thickness	Crown Radius	Knuckle Radius	Cylindrical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	end	.387"					54.2"		CONCAVE
(b)	end	.387"					54.2"		CONCAVE

7. Removable bolts used: (Material, Spec. No., T.S., Size, Number) Other fastening (Describe or Attach Sketch)

8. Constructed for max. allowable working press. 250 psi. at max. temp. 125 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic/Pneumatic or Combination Test Press. 375 psi.

9. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location SHELL TOP CTR. LINE

10. NOZZLES:

Purpose, (Flight, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
LIQ. OUT	1	3"	CPLG.	SA-105-II	6000#		WELDED
LEVEL GA.	1	2.5"	CPLG.	SA-105-II	3000#		WELDED
FILL, VAP.	3	2"	CPLG.	SA-105-II	3000#		WELDED
HERMO, LL & PG	2	.75"	CPLG.	SA-105-II	6000#		WELDED
ROTARY	1	1"	CPLG.	SA-105-II	3000#		WELDED
INSPECTION Manhole	No	1	Size 15" ID	Location	UPPER PART HEAD		
OPENINGS Handholes	No		Size	Location			
Tapped	No		Size	Location			
SUPPORTS Skirt	NO		Legs (Number)	Other (Describe)	Attached (Where & How)		

REMARKS BULK STORAGE TANK USED IN NON CORROSIVE SERVICE Water Gallon Capacity 30,000

S-40803 approved by _____

(Brief description of purpose of the vessel, as Air Tank, Water Tank, C.P.G., Etc. State contents.)
 1. If post-weld heat treated
 2. List form internal or external pressure with attendant temperature when applicable.

I 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 1.

SEPTEMBER 16 1976 Signed TRINITY INDUSTRIES, INC. By John D. Stewart
 (Manufacturer)

12,059 Expires 12/31/76
 * HEADS ARE TO BE SPOT R.T. AND HOT FORMED

CERTIFICATE OF SHOP INSPECTION

BY TRINITY INDUSTRIES, INC. WEST MEMPHIS
 ARKANSAS COMMERCIAL UNION ASSURANCE CO.
 BOSTON, MASSACHUSETTS

JULY 8 1976

SEPTEMBER 8 1976

Inspector N/B #5534