

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by Beloit Iron Works - Beloit, Wisconsin
(Name and address of Manufacturer)

2. Manufactured for Weyerhaeuser Company - Longview, Washington
(Name and address of Purchaser)

3. Type Horiz. Vessel No. (424-47) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 1526-47 Yr. Built 1961
(Horiz. or Vert.)

4. SHELL: Matl. C.I. SA-278 T.S. 35,000 Nonf. 1/8 Corr. Thk. In. Allow. In. Diam. 5 Ft. 0 In. Lgth. 10 Ft. 11 In.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: ~~Welded~~ Seamless S.R. X.R. Sectioned Efficiency 100 %
(Welded, Dbl. Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

6. HEADS: (a) Material C.I. SA-278 T.S. 35,000 (b) Material C.I. SA-278 T.S. 35,000
(Material, Spec. No., T.S., Size, Number)

Location (Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure
(a) Ends 2-1/2 - 3-1/2 Convex
(b) Ends 2-1/2 - 3-1/2 Convex
If removable, bolts used (56) 1" cap screws, ea. head SA-354 B.C. 125,000 T.S.
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for {Int.} pressure of 125 psi Max Temp 450 °F Subzero °F Hydrostatic Test 250 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number Size Location

9. ~~NOZES~~

Purpose (Inlet, Outlet, Drain)	Number	Diam or Size	Type	Material	Thickness	Reinforcement Material	How Attached
<u>2-1/2" cored hole in journal of front head</u>							
<u>4-1/2" cored hole in journal of back head</u>							

10. INSPECTION Manholes, No. 1 Size 11 x 15 Location Front head
OPENINGS Handholes, No. Size Location
Threaded, No. Size Location

11. SUPPORTS: Skirt Lugs Legs Other 2 trunnion brgs
(Yes or No) (Number) (Number) (Describe) Attach d Head castings (Where & How)

12. REMARKS: For use as drying rolls. Maximum allowable working pressure of heads 132 pounds per square inch established by proof test of May 22, 1945.

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

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels

Date July 5, 19 61 Signed Beloit Iron Works
(Manufacturer)By John R. PetersonCertificate of Authorization Expires December 31, 1964

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. E.S.B. 1397-1 thru -64VESSEL MADE BY Beloit Iron Works at Beloit, Wisconsin

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF WIS. and employed by Hartford Steam Boiler Insp. & of Hartford, inspected internally and externally, the vessel described in this report on Jan. 31 - July 5, 1961 and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date July 5, 1961

Inspector's Signature

Commissions

N.E. 1263

State or Natl. Bd. & Number