

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 1

1. Manufactured by BUFFALO TANK DIVISION, BETHLEHEM STEEL CORP., BALTIMORE, MARYLAND (20)
2. Manufactured for GROUP CONSTRUCTORS, INC., BATON ROUGE, LOUISIANA
3. Location of installation BORDEN CHEMICAL CORP., GETSMAR, LOUISIANA
4. Type VERT. TANK F2-3199-2 1-1567 299 (Year Built) 1982
(Mark or vert. tank) (Mfr's Serial No.) (CRN) (Drawing No.) (Netl Bld No.)
5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1980 and Addenda to 12/31/81 and Code Case Nos. N/A
(Year) (Date)
Special Service per UG-120(d) N/A
Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A
6. Shell: Matl. SA-516-70 Nom. 1 1/2 in. Allow. 1/8 in. Diam. 90" I.D. in. Lgth. 33 ft 3 in.
(Spec. No., Grade) (Thk.) (In.) (In.) (In.) (In.) (In.)
7. Seams: Long. DBFW R.T. FULL Efficiency 100 % H.T. Temp. 1150 F Time 1 5/8 hr
(Welded, Dbl, Sngl, Lap, Butt) (Spot or Full) (Spot or Full)
Girth DBFW R.T. FULL No. of Courses (3)
(Welded, Dbl, Sngl, Lap, Butt) (Spot, Partial, or Full)
8. Heads: (a) Material SA-516-70 (b) Material SA-
(Spec. No., Grade) (Spec. No., Grade)
Location Min. Corr. Crown Knuckle Ellipse Conical Hemisph. Flat Side to Pressure
(Top, Bottom, Ends) (Thk.) (Allow.) (Radius) (Radius) (Ratio) (Apex Angle) (Radius) (Diam.) (Convex or Concave)
(a) TOP & BOTTOM 1 1/2" 1/8" 2:1 CONCAVE
(b) CONCAVE
If removable, bolts used (describe other fastenings) _____
(Material, Spec. No., Gr., Size, No.)
9. Constructed for max. allowable working pressure 500 psi at max. temp. 600 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, ~~pressure~~ test pressure 750 psi.
10. Safety Valve Outlets: Number _____ Size _____ Location _____
11. Nozzles and Inspection Openings: (NO SAFETY OR RELIEF VALVES PROVIDED)
Purpose (Inlet, Outlet, Drain) No. Diam. or Size Type Matl. Nom. Thk. Reinforcement Matl. How Attached Location
MANWAY (1) 24" 300# I.W.NK. SA-105 1 13/16" SA-285-C WELDED TOP HEAD
MANWAY (1) 18" 300# I.W.NK. SA-105 1 1/2" SA-285-C WELDED SHELL
INLET (1) 6" 300# W.N.FIG. SA-106-B SCH.80 SA-516-70 WELDED TOP HEAD
OUTLET (1) 6" 300# W.N.FIG. SA-106-B SCH.80 SA-516-70 WELDED BOT.HEAD
SPARE HAND HOLE (2) 6" 300# W.N.FIG. SA-106-B SCH.80 SA-516-70 WELDED SHELL
RELIEF PRESS (2) 2" 300# W.N.FIG. SA-106-B SCH.160 - - WELDED TOP HEAD
T.W. SAMPLE (2) 2" 300# W.N.FIG. SA-106-B SCH.160 - - WELDED SHELL
PRESSURE (1) 2" 300# W.N.FIG. SA-106-B SCH.160 - - WELDED BOT.HEAD
12. Supports: Skirt YES Lugs _____ Legs _____ Other NONE Attached BOTTOM HEAD, WELDED
(Yes or no) (No.) (No.) (Describe) (Where and how)
13. Remarks: ADSORBER TANK V- 3109

P.O. 8094-012

CERTIFICATE OF COMPLIANCE

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 1.
Date 28 MAY 1982 Signed BETHLEHEM STEEL CORP. by W.H. Madoff
(Manufacturer) (Representative)

"U" Certificate of Authorization No. 10897 expires 26 OCTOBER 1983

CERTIFICATE OF SHOP INSPECTION

Vessel made by BUFFALO TANK DIV., BETHLEHEM STEEL CORP. at BALTIMORE, MARYLAND

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of MARYLAND and employed by * have inspected the pressure vessel described in this Manufacturers' Data Report on 28 MAY 1982, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in the Manufacturers' 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.

Signed J. J. [Signature] Date 5/28/82 Commissions FACTORY MUTUAL SYSTEM
(Inspector) (Natl Board, State, Province and No.)