

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 Glitsch, Inc. 4900 Singleton Blvd. Dallas, Texas
 2. Manufactured for Philadelphia Gas Works
 3. Location of Installation Philadelphia, PA
 4. Type Vert. (Horiz. or vert. tank) 778189A (Mfr's Serial No.) 38274 (CRN) 588 (Drawing No.) (Year Built) 1978 (Nat'l Brd. 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 1974 (Year) and Addenda to Summer 1976 and Code Case Nos. _____ Special Service per UG-120(d) _____
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: _____
 (Name of part, item number, Mfr's name and identifying stamp)

6. Shell: Matl. * (Spec. No., Grade) Nom. Thk. 1-7/16 Corr. Allow. ** in. Diam. 8 ft. 0 in. Length 22 ft. 2 in.

7. Seams: Long DWBJ R.T. FULL Eff. 100 % H.T. Temp. YES F Time 1-1/2 hr. Girth DWBJ R.T. FULL No. of Courses 2
 (Welded, Dbl., Sngl., Lap, Butt) (Spot or Full) (Welded, Dbl., Sngl., Lap, Butt) (Spot, Partial, or Full)

8. Heads: (a) Material * (Spec. No., Grade) (b) Material * (Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
Top	1-7/16"				2:1				Concave
Btm.	1-7/16"				2:1				Concave

If removable, bolts used (describe other fastenings) _____
 (Material, Spec. No., Gr., Size, No.)

9. Const. for max. AWP 500 & full vac. psi at max. temp. 800 F. Min. temp. _____ F. Hydro. ~~pressure~~ pressure 750 psi.

10. Safety Valve Outlets: Number _____ Size _____ Location _____

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet	1	10"	WNF	***	.365	None	Welded	Shell
Outlet	1	10"	WNF	***	.365	None	Welded	Shell
TW	3	2"	LWN	****	.5522	None	Welded	Shell

12. Supports: Skirt _____ Lugs _____ (Yes or no) Legs _____ (No.) Other _____ (Describe) Attached _____ (Where and how)

13. Remarks: Item-R101, elev. & orien. for a 96" I.D. X 22'-2" seam to seam
Desulfurization Reactor
* SA204-C integrally clad per SA264 with 5/64" Min. Thk. SA240-304L
** 0.078125" cladding
*** SA182-F1 W/304 liner
**** SA335-P1 w/ 304 liner

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 6-16-78 Signed Glitsch, Inc. (Manufacturer) by W. K. Couch (Representative)

"U" Certificate of Authorization No. 2263 expires February 28, 19 81

CERTIFICATE OF SHOP INSPECTION

Vessel made by Glitsch, Inc. at Dallas, Texas

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Hartford Steam Boiler Inspection/Insurance Co.

have inspected the pressure vessel described in this Manufacturers' Data Report on June 16, 19 78, 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 Virgil Swann (Inspector) Date 6-16-78 Commissions NB4495 PA WC 2509
 (Nat'l Board, State, Province and No.)