

## FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

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1. Manufactured and certified by General Welding Works, Inc. 7100 Old Katy Rd. Houston, Texas 77024  
(Name and address of manufacturer)
2. Manufactured for M. W. Kellogg 601 Jefferson Ave. Houston, Texas 77210-4557  
(Name and address of purchaser)
3. Location of installation Enron Gas Process Fuels LaPorte MTBE Facility LaPorte, Texas  
(Name and address)
4. Type Vertical 17932 N/A 5354A 11245 1993  
(Mount. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Mat'l. Bd. No.) (Year built)
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 1992  
Year
- to N/A N/A N/A  
Addenda (Date) Code Case No. Special Service per UG-120(d)
6. Shell: SA-516-70N .625 In. .125 In. 6 Ft. 0 In. I.D. 8 Ft. 8 In. Sm/Sm  
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: Type 1 Full 100% 1150 1 hour Type 1 Full 1  
Leng. (Welded, Dbl., or Full) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., or Full) R.T. (Spot, Partial, or Full) No. of Courses
8. Heads: (a) Mat'l. SA-516-70N (b) Mat'l. SA-516-70N  
(Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Top	.5625"	.125"			2:1				Concave
(b)	Bottom	.5625	.125"			2:1				Concave

If removable, bolts used (describe other fastenings)

N/A

(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP Int. 207 Ext. N/A psi at max. temp. Int. 210 Ext. N/A °F  
Min. design metal temp. -20 °F at 207 psi. Hydro. test pressure 410 psi.

## 10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
Liquid Inlet	1	4"150#	RFWNF	SA-106-B	.437	SA-516-70N	Welded	Shell
Equilization	1	3"150#	RFWNF	SA-106-B	.438	SA-516-70N	Welded	Top Head
Liquid Outlet	1	4"150#	RFWNF	SA-106-B	.437	SA-516-70N	Welded	Btm. Head
Spare	1	24"150#	RFWNF	SA-106-B	.562	SA-516-70N	Welded	Shell

11. Supports: Skirt Yes Lugs -0- Legs -0- Other -0- Attached Welded to bottom head  
(Yes or No) (No.) (No.) (Distance) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A  
(Name of part, room number, Mfg's name and identifying stamp)

Safety Valve per UG-125 Note 39. Heads, shell & nozzles exempt per UG-20(f) & UCS-66(a)."See Form U-4""Caustic Surge Drum" P.O. 6636-X5527-D1-D411-01 Item 04V-115 GWW S/O 5354

## CERTIFICATE OF SHOP 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. "U" Certificate of Authorization No. 2106 expires May 19, 1995.  
Date 6-14-93 Co. name General Welding Works, Inc. Signed Marie Dulaney  
(Manufacturer) (Representative)

## CERTIFICATE OF SHOP INSPECTION

Vessel constructed by General Welding Works, Inc. at Houston, Texas

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 Texas and employed by Delta Lloyds Insurance Company

have inspected the component described in this Manufacturer's Data Report on 06/14, 1993, 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 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 06/14/93 Signed [Signature] Commissions N.B. #10874A TX #1393  
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

# 10 3380

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 Page 2 of 2

\_\_\_\_\_ N/A \_\_\_\_\_ 5354A \_\_\_\_\_ 11245 \_\_\_\_\_ 1993  
(CRN) (Drawing No.) (Nat'l Bd. No.) (Year built)

Blind:	"Spare" - (1)- 24"150# RF Blind SA-105
	"Manway" - (1)- 20"150# RF Blind SA-105

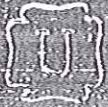
Date 06/14/93 Name D. Costa Commission N.B. # 10974A TX # 1393



NAT'L. BD. 11245

MANUFACTURED AND CERTIFIED BY

GENERAL WELDING WORKS, INC. - HOUSTON, TEXAS



WORKING PRESS 207 210

DESIGN METAL TEMP. 20 207

W  
MFG. SER. NO. 17932 YEAR BUILT 1993

RT  
SHOP ORDER 5354 ITEM NO. 04V-115

HT  
EXT. PRESS

NO. 6636-X5527-D1-D411-01

SHELL THK. 3.25 HEAD THK. 3.25

SHOP HYDRO TEST 410 DATE TESTED 6-10-93

SERVICE: CRANE CURSOR

# 103389