

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

1. Manufactured and certified by Coastal Industrial Fabrications, Inc. 8517 Bellingrath Rd. Theodore, AL 36582
 (Name and address of manufacturer)

2. Manufactured for Phenolchemie 7770 Rangeline Rd. Theodore, AL 36582
 (Name and address of purchaser)

3. Location of installation Phenolchemie 7770 Rangeline Rd. Theodore, AL 36582

4. Type Horizontal 20-033 - 20-033D01 18 2001
 (Horiz. or vert. tank) (Mfg'r's serial No.) (CRN) (Drawing no.) (Nat'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 _____
 to 2000 - None Year

6. Shell: SA-240 TP 316L .1875 0 2'-6" 7'-3"
 Addenda (Date) Code Case Nos. Special Service per UG 120(d)

7. Seams: Type 1 Spot 85% N/A - Type 1 Spot 2
 Long. (Welded, Dbl., R.T. (Spot or Full) Eff. (%) H.T. Temp (F) Time (hr) Girth (welded, Dbl., R.T. (Spot, Partial, or Full) No. of Courses
 Sngl., Lap, Butt) Sngl., Lap, Butt)

8. Heads: (a) Matl. SA - 240 TP 316L (b) Matl. SA-240 TP 316L
 (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)	End	.25	0	30"	2.25"	-	-	-	-	CVX/CNV
(b)	End	.1875	0	30"	2.25"	-	-	-	-	CVX/CNV

If removable, bolts used (describe other fastenings) _____

9. MAWP 50/FV 302 psi at max. temp. _____ °F
 Min. design metal temp. -20 °F at 50/FV psi. Hydro., pneu., or comb. test pressure 65 psi.

10. Nozzles, inspection and safety valve openings: UW16.1

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
In/Out		1"	CL150WN	SA 182/SA312 316L	.133	Inherent	(c)FPW	Shell/Head
In/Out		2"	CL150WN	SA 182/SA312 316L	.154	Inherent	(c)FPW	Shell/Head
In/Out		3"	CL150WN	SA 182/SA312 316L	.216	Inherent	(c)FPW	Shell
Inlet		4"	CL150WN	SA 182/SA312 316L	.237	Inherent	(c)FPW	Shell

11. Supports: Skirt NO Lugs 0 Legs 0 Other Saddles Attached Shell/Welded
 (Yes or no) (No.) (No.) (Describe) (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:
No, UHA 51 (d)(1)(a) UCS 66 (c), 12" Head SA-403 316L .180 Min. Thk.

10. Inspection 6" CL150WN SA 182/SA 312 316L .280 SA-240 TP316L (c)FPW Shell
 Manway 18" CL150SO SA 182/SA 240 316L .250 Inherent (c)(k) Head
 Sump 12" 12"Head SA 403/SA 312 316L .180 SA-240 TP316L (c)FPW Shell

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. 29,944 expires 9/25/2003
 Date 3/29/01 Co. name Coastal Industrial Fab. Inc. Signed Paul J. St
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Coastal Industrial Fabrications, Inc. 8517 Bellingrath Rd. Theodore, AL 36582
 I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by Commercial Union Insurance Company have inspected the component described in this Manufacturer's Data Report on 1/25/01, 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 3/29/01 Signed Neal Shadine Commissions NB9240 A, LA807
 (Authorized Inspector) (Nat'l Board. (incl. endorsements) State, Prov. and No.)