

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 PRESSURE PRODUCTS, INC., 15920 SOUTH HIGHWAY 377 WHEATLAND, TX 76126
(Name and address of manufacturer)

2. Manufactured for Gulshy Engineering, Inc. 1250 Indiana Drive Humble, TX 77347
(Name and address of purchaser)

3. Location of Installation Unknown
(Name and address)

4. Type: Vertical 01136 N/A D2263-000 R/1 2444 2001
(Horiz. or vert. tank) (Mfr'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 1998
Year

to 2000 N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG 120(d)

6. Shell: SA-516 Gr70 N 0.375" 0.0625" 3' 0" 8' 0"
Matl. (Spec No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

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

8. Heads: (a) Matl. SA-516 Gr 70 N (b) Matl. SA-516 Gr 70 N
(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	0.2886"	0.0625"	----	----	2:1	----	----	----	Concave
(b)	Bottom	0.2886"	0.0625"	----	----	2:1	----	----	----	Concave

If removable, bolts used (describe other fastenings) None
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 250 psi at max. temp. 150 °F
Min. design metal temp. -50 °F at 250 psi. Hydro., ~~pressure~~ test pressure 325 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Sump	1	8"	Smls Pipe	SA-333 Gr 6	0.406"	SA516-70 N	Welded	B. Head
Inlet	1	12"	Cl 150 Flgd	SA-333 Gr 6	0.375"	SA516-70 N	Welded	Shell
Liquid Out	1	6"	Cl 150 Flgd	SA-333 Gr 6	0.432"	-----	Welded	Shell
Outlet	1	12"	Cl 150 Flgd	SA-333 Gr 6	0.375"	SA516-70 N	Welded	T. Head
Liquid Inlet	1	6"	Cl 150 Flgd	SA-333 Gr 6	0.432"	-----	Welded	Shell
Bridle	2	2"	Cl 150 Flgd	SA-333 Gr 6	0.343"	-----	Welded	Shell
Reclaim	1	2"	Cl 150 Flgd	SA-333 Gr 6	0.343"	-----	Welded	Sump Head
-	-	-	-	-	-	-	-	-

11. Supports: Skirt Yes Lugs 2 Legs None Other None Attached B. Head, 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:
None
(Name of part, item number, Mfr's name and identifying stamp)

Relief valve by others 36" ID Chiller Feed Tank
MDMT per UCS-66 (b) Designed to UG-22 (a) only PV16.504

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. 19,484 expires 06/18, 2002
Date 07/24/2001 Co. Name PRESSURE PRODUCTS, INC. Signed Bernard L Morris
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by PRESSURE PRODUCTS, INC. at 15920 SOUTH HIGHWAY 377 WHEATLAND, TX 76126
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TX and employed by IB&M Re have inspected the component described in this Manufacturer's Data Report on 07/24, 2001, 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 7-24-01 Signed [Signature] Commissions N.B. 11223 (A) TX 1446
(Authorized Inspector) (Nat'l Board. (incl. endorsements) State, Prov. and No.)