

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 Perry Equipment Corp., 1 PECO Place, Wolters Ind. Park, Mineral Wells, Texas
(Name and address of manufacturer) 76067
2. Manufactured for Hi Plains Filtration, P.O. Box 656, Pampa, TX 79066-0656
(Name and address of purchaser)
3. Location of installation Unknown
(Name and address)
4. Type Vertical 115343-19 ----- D-81053 R2 35902 1999
(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 1995 Year
- to A97 None None
Addenda (Date) Code Case Nos. Special Service per UG-120(d)
6. Shell: SA-53-B (E) .188" 0 6-5/8" O.D. 5'9-3/4"
Metl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: ERW Pipe None 85% ----- ----- Dbt Butt Equiv. None 2
Long. (Welded, Dbt., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbt., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses
8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70
(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	.125"	0			2:1 PECO	Swingbolt Closure			Concave
(b)	Btm.	.625"	0	Welded Para UG34	Fig. (g)				6.00"	Flat

If removable, bolts used (describe other fastenings): T-Bolts SA-325 1/2" X 5 1/2" (14)
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 275 psi at max. temp. 100 °F
Min. design metal temp. -20 °F at 275 psi. Hydro., XXXXXXX test pressure 413 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
Inlet/Outlet	1ea	2" Cl.150 Flg	SA106-B		.154"	Integral	Welded	Shell
Misc. Conns.	4	1" Scd.Cplg.	SA-105		3000#	-----	Welded	Shell
Misc. Conns.	7	1/2" Scd.Cplg.	SA-105		3000#	-----	Welded	Shell/Top
Drain	2	1" Scd.Cplg.	SA-105		3000#	-----	Welded	Shell

11. Supports: Skirt No Lugs -4- Legs -0- Other None 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: None
(Name of part, item number, Mfr's. name and identifying stamp)

MDMT based on UG20 (f) Designed to UG22 (a) only. (4.0 sq.ft.) Model # 85-1-24
Relief Valve by others. For noncorrosive service.
Customers P.O. # 10336 S.O. # F038008

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. 3771 expires 12-31, 2000
Date 2-3-99 Co. name Perry Equipment Corp. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Perry Equipment Corp. at Mineral Wells, 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 "IB&M RE" Dallas, Texas

have inspected the component described in this Manufacturer's Data Report on February 3, 19 99, 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 2-25-99 Signed [Signature] Commissions 5920 BNA TX# 548
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)