

27895
Job NumberFORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)TAKEN FROM MASTER DATA
REPORT BY NATIONAL BOARD

P. O. Number

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

1. Manufactured and certified by Silvan Industries, Inc., 2121 Cleveland Avenue, Marinette, Wisconsin, 54143, USA
(Name and address of manufacturer)
2. Manufactured for Pneumatech Inc., Kenosha, Wisconsin, USA
(Name and address of purchaser)
3. Location of Installation Unknown
(Name and address)
4. Type Vertical 473469 OH2580.6 132-062 R.C 473469 2005
(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 2004 to 2004
(year) Addenda (Date)
None None
Code Case Nos. Special Service per UG-120(d)
6. Shell: SA414 GrG .121 0 0' 8.0" (OD) 3' 2.875"
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: Type 1 None 70 No No Type 2 None 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, Eff. (%) or Full) No. of Courses
8. Heads: (a) Mat'l: SA414 GrG (b) Mat'l: SA414 GrG
(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 | .134 | 0 | N/A | N/A | 2:1 | N/A | N/A | N/A | concave |
| (b) | Bottom | .134 | 0 | N/A | N/A | 2:1 | N/A | N/A | N/A | concave |
- If removable, bolts used (describe other fastenings) None
(Mat'l., Spec. No., Gr., Size, No.)
9. MAWP 400 N/A psi at max. temp. 450 N/A °F
(internal) (external) (internal) (external)
- Min. design metal temp. -20 °F at 400 psi Hydro, pneu., or comb. test pressure Hydro. at 520 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
Inlet/Drain	2	1"	Flg	SA181 C70	STD	Inherent	Weld	N/A
Inlet/Outlet	4	3/4"	"	"	"	"	"	N/A
Insp	2	1"	"	"	"	"	"	Heads

11. Supports: Skirt No Lugs 0 Legs 2 Other None Attached Head/Shell/Weld
(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:

N/A

(Name of part, item number, Mfr's name and identifying stamp)

Pressure Relief Valve Supplied by Other Than Mfr. "CONSTRUCTED UNDER THE PROVISIONS OF PAR. UG90 (c) (2), UG20 (f) " ASME Air Dryer

CERTIFICATE OF SHOP/FIELD 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. 16802 expires June 13, 2006

Date 09/23/2005 Co. name Silvan Industries, Inc. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Silvan Industries, Inc. at 2121 Cleveland Avenue, Marinette, Wisconsin, 54143, USA, I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province WI and employed by OneBeacon America Insurance Co., of Boston, MA have inspected the component described in this Manufacturer's Data Report on September 23, 2005 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 09/23/2005 Signed [Signature] Commissions 10105 A, WI100181
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)