

Job Number

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

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 Silvan STD Model

(Name and address of purchaser)

3. Location of Installation Unknown

(Name and address)

4. Type Vertical 567009 T2299.46 L1505.5 102-967 R.E 567009 2007
(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 2006

None
Code Case Nos.

None
Special Service per UG-120(d)

(year)

Addenda (Date)

6. Shell: SA516 Gr70 .250 None 3' 6.0" (OD) 7' 6.250"
Mat'l. (Spec. No., Grade) Nom. Thk. Corr. Allow. Diam. I.D. Length (overall)

7. Seams: Type 1 None 70% No No Type 2 None 85 1
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp Time (hr) Girth. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) 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	.199	0	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b)	BOTTOM	.199	0	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings)

N/A

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

9. MAWP 150 psi N/A at max. temp. 450 °F N/A
(internal) (external) (internal) (external)

Min. design metal temp. -20 °F at 150 psi Hydro, pneu., or comb. test pressure HYDRO. at 195 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	1,1	2", 1/4"	"	"	"	"	"	N/A
Inlet/Outlet	1	3/4"	"	"	"	"	"	N/A
Inlet/Outlet	2	3"	Cplg	SA106	300#	"	"	N/A

Additional Nozzles - See Attached U-4...

11. Supports: Skirt No Lugs 4 Legs 0 Other Base Ring Attached Head/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 Receiver

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, 2009

Date 11/07/2007 Co. name Silvan Industries, Inc.
(Manufacturer)

Signed [Signature]
(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 November 7, 2007 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 11/07/2007 Signed [Signature] Commissions 10105 A, WI100181
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

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 Silvan STD Model
(Name and address of Purchaser)

3. Location of Installation Unknown
(Name and address)

4. Type Vertical N/A 567009
(Horiz, vert., or sphere) (Tank, separator, heat exh., etc.) Mfg's serial No.

T2299.46 L1505.5 102-967 R.E 567009 2007
(CRN) (drawing no.) (Nat'l Bd. No.) (Year built)

Additional 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
Insp	1	12 x 16	Manway	SA106 GrC	3/4"	"	"	Shell

Additional remarks pertaining to Manufacturer's Partial Data Reports:

Additional Remarks:

Certificate of Authorization: Type "U" No. 16802 Expires June 13, 2009Date 11/07/2007 Name Silvan Industries, Inc.
(Manufacturer) Signed Sam McHown
(Representative)Date 11/07/2007 Name [Signature] Commission 10105 A, WI100181
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Province and No.)