

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

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by Steel Fab, A Division of Samuel Pressure Vessel Group, Inc., 17403 Lee Highway, Abingdon, Virginia, 24210-7833
(Name and address of manufacturer)

2. Manufactured for Stock
(Name and address of purchaser)

3. Location of Installation Unknown
(Name and address)

4. Type Vertical 718883 M1355.5601234 C100898-X R6 718883 2013
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (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 2010 to A'11
(year) [Addenda, if applicable (Date)]
None None
(Code Case numbers) (Special Service per UG-120(d))

6. Shell: SA455 .250" None 4' 6" (OD) 11' 5"
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) [Length (overall)]

7. Seams: Type No. 1 Spot 85% N/A N/A Type No. 2 None 85% 2
[Long. (welded, dbl., sngl., lap, butt)] R.T.(Spot or Full) Eff.(%) (H.T. temp) Time (hr) [Girth. (welded, dbl., sngl., lap, R.T. (spot or full)) Eff.(%) No. of Courses

8. Heads: (a) Material SA516-70 (b) Material SA516-70
(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	.263"	None	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b)	BOTTOM	.263"	None	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) None
(Material spec. number, grade, size, number)

9. MAWP 165 psi N/A at max. temp. 400 °F N/A
(Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 165 psi Hydro, pneu., or comb. test pressure HYDRO. at 215 psi

Proof test N/A

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inspection	1	12" x 16"	300#	SA106-C		1.000"		Inherent	FigUW16.1(i)		Shell
Relief Valve	1	3.000"	3000#	SA105		.375"		Inherent	FigUW16.1(y-2)		
Unknown	3	1.250"	Threaded Fitting	SA181 CL70		UG-11(a)(1)		Inherent	FigUW16.2(c)		
Unknown	1	1.000"	Threaded Fitting	SA181 CL70		UG-11(a)(1)		Inherent	FigUW16.2(c)		
Gauge	1	.250"	Threaded Fitting	SA181 CL70		UG-11(a)(1)		Inherent	FigUW16.2(c)		

Additional Nozzles - See Attached U-4...

11. Supports: Skirt Yes Lugs 4 Legs 0 Other None Attached Heads & Shell - Welded
(Yes or no) (Number) (Number) (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, Manufacturer's name and identifying stamp)

Constructed under the provision of UG-90 (c)(2). No safety device provided per UG-125 (a). UG-20 (f) applies.

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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 23846 expires November 28, 2015

Date 03/19/2013 Co. name Steel Fab, A Division of Samuel Pressure Vessel Group, Inc. Signed Jeff S. Powers
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Steel Fab, A Division of Samuel Pressure Vessel Group, Inc. at 17403 Lee Highway, Abingdon, Virginia, 24210-7833, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province VA and employed by OneCIS Insurance Company, of Lynn, MA have inspected the component described in this Manufacturer's Data Report on

March 20, 2013 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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 03/20/2013 Signed [Signature] Commissions 12048A, VA921
(Authorized Inspector) (National Board (incl. endorsements), State, Province and number)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

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(Name and address of Manufacturer)

2. Manufactured for Stock
(Name and address of Purchaser)

3. Location of installation Unknown
(Name and address)

4. Type Vertical N/A 718883
(Horizontal, vertical, or sphere) (Tank, separator, heat exch., etc.) (Manufacturer's serial number)

M1355.5601234 C100898-X R6 718883 2013
(CRN) (Drawing number) (National Board number) (Year built)

Data Report Remarks
Item Number

Additional nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet/Outlet	2	6.000"	CL150 RFSO	SA106-B		.432"		Inherent	FigUW16.1(i)		

Certificate of Authorization: Type "U" No. 23846 Expires November 28, 2015

Date 03/19/2013 Name Steel Fab, A Division of Samuel Pressure Vessel Group, Inc. Signed 
(Manufacturer) (Representative)

Date 03/20/2013 Signed  Commissions 12048A, VA921
(Authorized Inspector) (National Board Authorized Inspector Commission number)