

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(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 VESCO INC. 211 N. 48th. Woodward, OK 73801
(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 10227-36 - 48101000v2ph 1764 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 Edition
to 2011 Addenda
[Addenda, if applicable (date)] (Code Case numbers) [Special service per UG-120(d)]

6. Shell SA-516 GR 70N 1.250 - 4' 0" o.d. 10' 0"
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) [Length (overall)]

7. Seams Type 1 Full 100 - Type 1 Spot 100 (**) 1
[Long. (welded, dbl., singl., lap, butt)] [R. T. (spot or full)] (Eff. %) (H. T. temp.) (Time, hr) [Girth (welded, dbl., singl., lap, butt)] [R. T. (spot or full)] (Eff. %) (No. of courses)

8. Heads: (a) Material SA-516 GR 70 N (b) Material 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	1.460	-	-	-	2:1	-	-	-	Concave
(b)	BOTTOM	1.460	-	-	-	2:1	-	-	-	Concave

If removable, bolts used (describe other fastenings)

9. MAWP 1000 N/A at max. temp. 130 N/A
(Internal) (External) (Internal) (External)

Min. design metal temp. -20 at 1000 Hydro., 1300 test pressure
Proof test -

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
Inlet/Outlet	2	4" Pipe	rfwn	SA-106 GR B	SA-105 600#	.531	-	Inherent	UW-16.1(I)	-	Shell/Head
Dump	1	3"	Cplg	SA-105	-	3000#	-	Inherent	UW-16.1(bb)	-	Shell
LLc,HLSD,Drain	3	2"	Cplg	SA-105	-	3000#	-	Inherent	UW-16.1(bb)	-	Shell
Rv	1	2"	Cplg	SA-105	-	3000#	-	Inherent	UW-16.1(bb)	-	Shell
Sight Glass, TI	3	3/4"	Cplg	SA-105	-	3000#	-	Inherent	UW-16.1(bb)	-	Shell
Misc.	2	1/2"	Cplg	SA-105	-	3000#	-	Inherent	UW-16.1(bb)	-	Shell
-	-	-	-	-	-	-	-	-	-	-	-

11. Supports: Skirt Yes Lugs - Legs - Other - Attached - Welded to Head -
(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: For non-corrosive service, Pressure relief device provided by customer. No impact testing performed per UCS-66(b).
(Name of part, item number, Manufacturer's name and identifying stamp)

(**) Spot x-ray per UW-11 A(5)B.

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 Number <u>33,576</u>	
expires <u>10/03/14</u>	
Date <u>10/15/13</u> Co. name <u>VESCO INC.</u>	Signed <u>Way D. Pore</u>
(Manufacturer)	(Representative)
CERTIFICATE OF SHOP / FIELD INSPECTION	
Vessel constructed by <u>VESCO INC.</u> at <u>211 N. 48th. Woodward, OK 73801 USA</u>	
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 <u>Oklahoma</u> and employed by <u>OneCIS Insurance Company, Lynn, Mass.</u>	
have inspected the component described in this Manufacturer's Data Report on <u>10/15/13</u> , 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, property damage or a loss of any kind arising from or connected with this inspection.	
Date <u>10/15/13</u> Signed <u>[Signature]</u> Commissions <u>NB-7936(A), Oklahoma 263</u>	
(Authorized Inspector)	(National Board (incl. endorsements), State, Province, and number)