

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS** ④639588  
**(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 FOREMOST UNIVERSAL L.P., 6614-50<sup>th</sup> Ave, Lloydminster AB, T9V 2W8, CANADA  
(Name and address of Manufacturer)

2. Manufactured for Foremost Stettler, 5221-46<sup>th</sup> Str, Stettler AB, T0C 2L0, Canada  
(Name and address of Purchaser)

3. Location of installation Build For Stock  
(Name and address)

4. Type Vertical 03-060624-4 T8985.213 EDS-6126 Rev A N/A 2014  
(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 2013  
Year

to N/A N/A N/A  
[Addenda, if applicable (date)] (Code Case numbers) [Special Service per UG-120(d)]

6. Shell SA-516-70N 25.4 mm 3.2 mm 559.2 mm 3048 mm S/S  
(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) [Length (overall)]

7. Seams Type 1 Full 1.0 N/A N/A Type 1 Spot 0.70 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-516-70N (b) Material SA-516-70N  
(Spec. no., grade) (Spec. no., grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Knuckle Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	Top	31.8 mm	3.2 mm	-	-	2:1 S.E.	-	-	-	Concave
(b)	Bottom	27.9 mm	3.2 mm	-	-	2:1 S.E.	-	-	-	Concave

If removable, bolts used (describe other fastenings) N/A  
(Material spec. number, grade, size, number)

9. MAWP 9928 kPa N/A at max. temp. 38°C N/A  
(Internal) (External) (Internal) (External)

Min. design metal temp. -29°C at 9928 kPa Hydro. pneu., or comb. test pressure 14892 kPa  
 Proof Test N/A

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain etc.)	No.	Diameter or Size	Type	Material		Nozzle Thickness, mm		Reinforcement Material	Attachment Details		Location (Insp. Open)
				Nozzle	Flange	Nom.	Corr.		Nozzle *	Flange **	
Inlet c/o Deflector	1	NPS 3	RFWN CL600	SA-106-B	SA105N	15.2	3.2	SA-516-70N	(a-1)	(6)	
Outlet	1	NPS 3	RFWN CL600	SA-106-B	SA105N	15.2	3.2	N/A	(a)	(6)	
Drain / PSV / Dump	4	NPS 2	RFWN CL600	SA-106-B	SA105N	8.7	3.2	N/A	(a)	(6)	
Spare / HLSD / LC	4	NPS 2	TOL	SA105N	N/A	CL.3000	3.2	N/A	(a)	N/A	Shell
Inspection	2	NPS 2	TOL	SA105N	N/A	CL.3000	3.2	N/A	(a)	N/A	
LG / TI	5	NPS 3/4	TOL	SA105N	N/A	CL.3000	3.2	N/A	(a)	N/A	
PI	1	NPS 1/2	TOL	SA105N	N/A	CL.3000	3.2	N/A	(a)	N/A	

11. Supports: Skirt Yes Lugs N/A Legs N/A Other N/A Attached Attached Welded To Bottom  
(Yes or no) (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:  
(Name of part, item number, Manufacturer's name and identifying stamp)

(1) Impact testing not required for the following: - Shell and Heads as per UCS-66(b)(1)(a); - Flanges as per UCS-66(c); - All other components as per UG-20(f)(1-5). (2) Foremost WO# 03-060624. (3) Construction DWG: W03-060624-D101 Rev 0. (4) PSV supplied and installed by others. (5) Capacity 0.814 m³. (6) RT2 UW11(a) 5(b). (7) \* As per Fig UW-16.1, \*\* As per Fig 2-4.

**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 29.238 expires Sep 15, 2016

Date MAY 29 2014 Co. Name FOREMOST UNIVERSAL LP Signed [Signature]  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP/FIELD INSPECTION**

Vessel constructed by FOREMOST UNIVERSAL LP at 6614-50<sup>th</sup> Ave, Lloydminster AB, T9V 2W8, Canada  
 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 Alberta and employed by ABSA  
 have inspected the component described in this Manufacturer's Data Report on \_\_\_\_\_, 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 MAY 29 2014 Signed [Signature] Commissions AB 311 NB 13490 A  
(Authorized Inspector) (National Board (incl. endorsements), State, Province and number)