

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 Code Rules, Section VIII, Division 1

A 573206

1. Manufactured and certified by Moss Fabrication Ltd., 6619-86th Avenue S.E. Calgary, AB. T2C 2S4
(Name and address of manufacturer)

2. Manufactured for Progress Energy, Suite 1400, 440 2nd Avenue SW, Calgary, Alberta, T2P-5E9
(Name and address of purchaser)

3. Location of installation LSD 4 - 12 - 67 - 4 W6M
(Name and address)

4. Type Vertical 3848-13 P-1379.2 R2711-1 Rev. R2 n/a 2007
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Natl. 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 I 2004
Year

6. Shell: SA106B 1.031" 0.0625" 1' - 1 15/16" 7' 6"
Matl. (Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))

7. Seams: SMLS-PIPE n/a 100% n/a n/a Type 1 Spot 70% 1
Long (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Singl., Lap, Butt) R.T. (Spot or Full) Eff. (%) No. of Courses

8. Heads: (a) Matl. SA516 70N (b) Matl. SA516 70N
(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	0.810"	0.0625"	n/a	n/a	2:1 SE	n/a	n/a	n/a	Concave
(b) Bottom	0.810"	0.0625"	n/a	n/a	2:1 SE	n/a	n/a	n/a	Concave

If removable, bolts used (describe other fastenings) n/a
(Matl., Spec. No., Gr., Size, No.)

9. MAWP: 1440 n/a 130 n/a °F.
(Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 1440 psi Hydro., pneu., or comb. test pressure 2160 psi

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet	1	3"NPS	CL600	SA106B/SA105/SA234WPB	0.600"	n/a	UW16.1c	Shell
Outlet	1	3"NPS	CL600	SA106B/SA105	0.600"	n/a	UW16.1c	Top Head
Water Out	1	1"	TOL	SA105	CL3000	n/a	UW16.1a	Shell
Water/Oil LLC	2	2"	TOL	SA105	CL3000	n/a	UW16.1a	Shell
Drain	1	1 1/2"NPS	Pipe	SA106B/SA234WPB	0.400"	n/a	UW16.1c	Btm Head
Water/Oil LG	4	3/4"	TOL	SA105	CL3000	n/a	UW16.1a	Shell
LSH	1	2"	CPLG	SA105	CL6000	n/a	UW16.1c	Shell
PI/II	2	3/4"	TOL	SA105	CL3000	n/a	UW16.1a	Shell
Inspection	2	1 1/2"	TOL	SA105	CL3000	n/a	UW16.1a	Shell
PSV	1	1"	TOL	SA105	CL3000	n/a	UW16.1a	Shell
Oil Out	1	2"	TOL	SA105	CL3000	n/a	UW16.1a	Shell

11. Supports: Skirt Yes Lugs n/a Legs n/a Other n/a Attached Welded to Head
(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, Mfg's. name and identifying stamp)

VOLUME 8.39 cu. Ft. WEIGHT 1600lbs DESCRIPTION 16" Sweet Separator

Radiography as per UW11(a)5(b) Manufactured to Moss Fabrication drawing number: V3848-1 Rev.2

Charpy impact testing exempt as per UG 20(f) 1-5 PSV installed on piping as per UG-125

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 conforms to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 33,250 expires April 26, 2008

Date Feb 20/07 Co. name Moss Fabrication Ltd. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Moss Fabrication Ltd. at Calgary, Alberta, 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 20 FEBRUARY 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 FEB 20 2007 Signed [Signature] Commissions 213 A Alberta
(Authorized Inspector) (Natl. Board (incl. endorsements), State, Prov. and No.)