

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS** *Corrected Copy*  
 (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: Louisiana Machinery Co. L.L.C. 4727 NW Evangeline Thwy. Carencro, La. 70520  
 (Name and address of Manufacturer)

2. Manufactured for: ProSep Technologies Inc 5353 W. Sam Houston Parkway N. Suite 150 Houston, Tx. 77041  
 (Name and address of Purchaser)

3. Location of installation: North Slope Alaska  
 (Name and address)

4. Type: VERT LMC08004 N/A 4-4327A Rev5 23 2009  
 (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 2007  
 Year

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

6. Shell SA-516-70N 2.500" .125" 96" 13'-5" S/S  
 Material spec. number, grade) Nominal thickness (Corr. allow) (Inner diameter) (Length (overall))

7. Seams: TYPE 1 FULL 100 1150 2.5 TYPE 1 FULL 100 2  
 [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 | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex Angle | Hemispherical Radius | Flat Diameter | Side to Pressure (Convex or Concave) |
|-----|------------------------------|-------------------|---------------------|--------------|----------------|------------------|--------------------|----------------------|---------------|--------------------------------------|
| (a) | TOP                          | 2.375"            | .125"               | N/A          | N/A            | 2:1              | N/A                | N/A                  | N/A           | CONCAVE                              |
| (b) | BOTTOM                       | 2.375"            | .125"               | N/A          | N/A            | 2:1              | N/A                | N/A                  | N/A           | CONCAVE                              |

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

9. MAWP 900 N/A at max. temp. 300 N/A  
 (Internal) (External) (Internal) (External)

Min. design metal temp. -20 at 900 Hydro. pneu., or comb. test press. 1,280 PSI

10. Nozzles, inspection, and safety valve openings:

| Purpose (Inlet, Outlet, Drain) | Number | Diameter or Size | Type  | Material                    | Nominal Thickness | Reinforcement Material | How Attached | Location     |
|--------------------------------|--------|------------------|-------|-----------------------------|-------------------|------------------------|--------------|--------------|
| INLET                          | 1      | 20" 600#         | RF-V3 | SA-350-LF2 CL1              | 5.38"             | WELDED                 | UW16.1(y-1)  | SHELL        |
| PROCESS                        | 3      | 3" 600#          | RF-V1 | SA-350-LF2 CL1              | 1.74"             | WELDED                 | UW16.1(y-1)  | SHELL        |
| PURGE                          | 1      | 2" 600#          | RFLWN | SA-350-LF2 CL1              | 0.66"             | WELDED                 | UW16.1(y-1)  | SHELL        |
| VENT                           | 1      | 6" 600#          | RF-HB | SA-350-LF2 CL1              | 2.06"             | WELDED                 | UW16.1(y-1)  | HEAD         |
| MANWAY                         | 1      | 24" 600#         | RFLWN | SA-350-LF2 CL1              | 5.375"            | WELDED                 | UW16.1(y-1)  | SHELL        |
| VENT *(N4)                     | 1      | 2" 600#          | RFLWN | SA-350-LF2 CL1 / SA-333 GR6 | 0.436"            | WELDED                 | UW16.1(z-1)  | VAPOR Outlet |

11. Supports: Skirt YES Lugs 3 Legs N/A Other N/A Attached Attached Welded / Shell & Skirt Welded / Shell & Skirt  
 (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)

Yes Shell, Heads, Production Impacts Tested Per UG-84 Item 10 Continued on form U4  
 \* See Remarks On Form U-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 35,085  
 expires 5/3/2011

Date 2-11-10 Co. Name Louisiana Machinery Co. L.L.C. Signed *Clayton Cluff*  
 (Manufacturer) (Representative)

**CERTIFICATE OF SHOP/FIELD INSPECTION**

Vessel constructed by Louisiana Machinery Co. L.L.C. at 4727 NW Evangeline Thwy. Carencro  
 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 Louisiana and employed by OneBeacon America Insurance Co. Lynn, MA.

have inspected the component described in this Manufacturer's Data Report on 112309, 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 this 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 02/11/10 Signed *John D. Brown* Commissions NB\*11527AEN 41009  
 (Authorized Inspector) (National Board (Incl endorsements) State, Province and number)

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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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2. Manufactured for ProSep Technologies Inc 5353 W. Sam Houston Parkway N. Suite 150 Houston, TX. 77041
3. Location of installation North Slope Alaska
4. Type VERT. SCRUBBER LMC08004
(Horizontal vertical, or sphere) (Tank, separator, heat exch., etc.) (Manufacturer's serial number)
N/A 4-4327A Rev 5 23 2009
(CRN) (Drawing No.) (National Board number.) (Year built)

Table with 2 columns: Data Report Item Number, Remarks. Contains technical specifications for Vapor Outlet (N 1), OUTLET (N 3), and Process (N5 B, N6 B) including dimensions and materials.

Certificate of Authorization: Type: U No. 35,085 Expires 5/3/2011
Date 2-11-10 Name Louisiana Machinery Co. L.L.C. Signed Clwayne Cluff (Manufacturer) (Representative)
Date 02/11/10 Name John M. Boyer Commission NB# 11527ABN 21009 (Authorized Inspector) [National Board (incl. Endorsement), State, Province and number.]