

NSAF-1806-00159

A595453

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

1. Manufactured and certified by EXCHANGER INDUSTRIES (A Division of Premetalco Inc.) 5505 - 52 Street S.E., Calgary, AB T2C 2W8
 (Name and address of manufacturer)

2. Manufactured for DPH Focus Corp., 4129 - 8th Street S.E., Calgary, AB T2G 3A5
 (Name and address of purchaser)

3. Location of installation EnCana FCCL Oil Sands Ltd., Foster Creek, AB LSD# SW1/4-22-70-4-W4M
 (Name and address)

4. Type Horizontal 08-5064C U9191.2 08-5064A-C Rev.0 - 2009
 (Horiz. or vert. tank) (Mfgr's serial No.) (CRN) (Drawing No.) (Nat'l 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 1 2007
 Year

6. Shell: SA516-70N As Below 1.6mm N/A As Below
 Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (mm) Diam. I.D. (ft. & in.) Length (overall) (mm)

7. Seams: Mig root & Corner welds - 1.0 621°C 1 Hr. Mig root & Corner welds - 1.0 2
 Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) (Eff. %) H.T. Temp. (°C) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Full) (Eff. %) No. of Courses

8. Heads: (a) Mat'l. - (b) Mat'l. -
 (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)										
(b)										

If removable, bolts used (describe other fastenings) - (Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 4060 - 204 kpa at max. temp. - °C.
 (internal) (external) (internal) (external)

Min. design metal temp. -45 °C at 4060 kpa. Hydro., pneu., or comb. test pressure 6633 kpa

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
Inlet	1	3" CI.300	RFWN	SA333-6	.438"	None	UW16.1a	Top Front
Outlet	1	3" CI.300	RFWN	SA333-6	.438"	None	UW16.1a	Bottom Front
Vents	2	2" CI.300	RFLWN	SA350-LF2	.656"	None	UW16.1a	Top Front/Rear
Drains	2	2" CI.300	RFLWN	SA350-LF2	.656"	None	UW16.1a	Bottom Front/Rear
T.I.s	2	2" CI.300	RFLWN	SA350-LF2	.656"	None	UW16.1a	Nozzles
P.I.s	2	2" CI.300	RFLWN	SA350-LF2	.656"	None	UW16.1a	Nozzles

11. Supports: Skirt No Lugs N/A Legs N/A Other Sideframes Attached Bolted
 (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: -

(Name of part, item number, Mfgr's name and identifying stamp)

P.S.V.: *** Impact Testing: No, plate exempt per UCS-66(a). Tubes exempt per UCS-66(d). Pipe & flanges exempt per UCS-66(g).

T/S & P/S Thk.: 1.000" End Plate Thk.: .500" Box Sizes: 2 @ 152mm x 264mm x 1344mm

Wrapper Thk.: .500" Pass/Stay Plate Thk.: .500" Box Sizes: -

Description: Process Glycol Cooler Capacity: 0.064 cu.m. Box Sizes: -

Item No.: E-5975C Tubes: 25.4 O.D. x 13 BWG M/W x 1829mm lg., SA179 (66 pcs.)

Full UT Constructed to drawing #08-5064A-C Rev.6

***** P.S.V. on piping per UG - 125 (g) to be installed by owners.**

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 5,983 expires March 30, 2011.

Date July 2, 2009 Co. name Exchanger Industries (A Division of Premetalco Inc.) Signed Danette Fuchush
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed EXCHANGER INDUSTRIES (A Division of Premetalco Inc.) 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 JUL - 2 2009, 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 JUL - 2 2009 Signed [Signature] Commissions ALTA #11
 (Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov., and No.)