

PARTIAL

A# 640256

Manufactured By: NWP Industries Inc. 4017 60th Ave Innisfail Alberta, T4G 1S9
Manufactured For: Encana Corporation, PO Box 2850, 500 Centre Street SE Calgary Alberta T2G 1A6
Ultimate Owner: Encana Corporation, PO Box 2850, 500 Centre Street SE Calgary Alberta T2G 1A6
Location of Installation: Gordondale 05-07-078-11 W6M

Manufacturer's Serial No.	Construction Drawing No.	CODE: ASME B31.3			Year Built
NWP-08983-001-A	08983-001-C-001 Rev 0	Edition	2012	Addenda	2014

CONSTRUCTION

Coil ID/Purpose	Design Pressure	Design Temp	Design Minimum Temp	Corrosion Allowance	Registered Drawing No.	CRN
a Coil - Lineheater	1557 PSIG	200 °F	-20 °F	0.125"	4362 Rev. 1	W4318.2
b						
c						
d						
e						

COIL

Tubes			End Closures				Openings		
Mat'l Spec.	Diameter	Thickness	Return Bend Mat'l Spec.	Return Bend Thickness	Flanges Mat'l Spec.	Flanges Rating	Mat'l Spec.	Size/Type	Rating
a SA-333-GR.6	4" NPS	Sch XH/80	SA-420-WPL6	Sch XH	SA-350-LF2-CL1	CL 900	NA	NA	NA
b									
c									
d									
e									

HEADERS/MANIFOLDS

Purpose	Size	Shell		Ends			Openings		
		Mat'l Spec.	Thickness	Mat'l Spec.	Thickness	No	Mat'l Spec	Size/Type	Rating
f Headers/Manifolds	6"	SA-333-Gr.6	Sch 160	SA-350-LF2-CL1	CL 900	4	NA	NA	NA
g									

TEST PRESSURE, NDE, POSTWELD HEAT TREATMENT AND SIZE


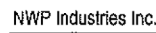
Hydrostatic Test Pressure	Radiography (100% or % Random)	Other NDE (MT) (PT) (UT)	Postweld Heat Treatment		Overall Length	Heating Surface	Volume
			Temp.	Time			
a 2336 PSI	100%	none	1150 °F	60 Mins	333.375"	362 sq ft.	28.3 cu.ft.
b							
c							
d							
e							
f							
g							

IMPACT TESTING: Exempt Per Table 323.2.2 Column A

REMARKS: _____

CERTIFICATE OF COMPLIANCE

We certify that the statements in this report are correct and that all details of design, material, construction, and workmanship of this coil bundle are in accordance with the above Provincial Registered Design.

Date Aug.6,2014 Signed Lance Raven  For NWP Industries Inc.  (Representative) (Manufacturer)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized boiler and pressure vessel inspector employed by ABSA of Alberta have inspected the above Heater Coils and state that, to the best of my knowledge and belief, the constructed is in accordance with the Alberta Safety Codes Act and Regulations. By signing this certificate, neither the inspector nor his or her employer makes any warranty, expressed or implied, concerning the vessel described in this manufacturer's data report. Furthermore, neither the inspector nor his or 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 Aug.6,2014 Signed Joe Tworek NB 12995 A,B AB 261 