

DVN-1839A



the pressure equipment safety authority

MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

AB-28 2006

PARTIAL

4-18-75-12 Wb A# 596121

Manufactured By: Rushton Gas & Oil Equipment (1991) Ltd. 2331-121 Ave NE Edm. T6S 1B2
 Manufactured For: Devon Canada Corporation 2000, 400-3rd Avenue SW Calgary, AB T2P 4H2
 Ultimate Owner: Devon Canada Corporation 2000, 400-3rd Avenue SW Calgary, AB T2P 4H2
 Location of Installation: 13-6-75-12 W6M

Manufacturer's Serial No.	Construction Drawing No.	CODE: ASME B31.3			Year Built
C3149D.CB	C-3149-D Rev: 1	Edition	2008	Addenda	2010

CONSTRUCTION

Coil ID/Purpose	Design Pressure	Design Temp	Design Minimum Temp	Corrosion Allowance	Registered Drawing No.	CRN
a Preheat	4728 PSIG	250°F	-50°F	0.125"	C-1874.E Rev. 0	R1937.23
b Reheat	4728 PSIG	250°F	-50°F	0.125"	C-1874.E Rev. 0	R1937.23
c						
d						
e						

COIL

	Tubes			End Closures				Openings		
	Mat'l Spec.	Diameter	Thickness	Mat'l Spec.	Thickness	Mat'l Spec.	Rating	Mat'l Spec.	Size/Type	Rating
a	SA-333-GR6	3"	0.600"	SA-420-WPL6	0.600"	SA-350-LF2 RTJWN	CL 2500			
b	SA-333-GR6	3"	0.600"	SA-420-WPL6	0.600"	SA-350-LF2 RTJWN	CL 2500			
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									
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	7092 PSIG	100%		1150°F	60 MINS	155 FT	141.98 FT ²	4.472 FT ³
b	7092 PSIG	100%		1150°F	60 MINS	95 FT	87.02 FT ²	2.741 FT ³
c								
d								
e								
f								
g								

IMPACT TESTING: Impact test exempt per table 323.2.2A Consumables are impact tested @ -50°F

REMARKS: PSV supplied by others

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 Mar 4-10 Signed [Signature] For Rushton Gas & Oil Equipment (1991) Ltd.
 (Representative) (Manufacturer)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, a duly authorized Safety Codes Officer employed by ABSA has inspected the above Heater Coils and state that, to the best of my knowledge and belief, the construction is in accordance with the Alberta Safety Codes Act and Regulations.

Date 03-04-10 Signed [Signature] AB245