



# MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

AB-28 2006-02

PARTIAL

A# 596136

Manufactured By: Rushion 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: 4-13-75-13 W6M

Manufacturer's Serial No. C3149E.CB	Construction Drawing No. C-3149-D Rev.1	CODE: ASME B31.3	Year Built 2010
		Edition 2008	Addenda

## 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

Mat'l Spec.	Diameter	Thickness	End Closures				Mat'l Spec.	Rating	Size/Type	Rating
			Return Bend		Flanges					
			Mat'l Spec.	Thickness	Mat'l Spec.	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	Mat'l Spec.	Size/Type
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		Heating Surface	Volume
		Temp.	Time	Temp.	Time		
		1150°F	60 MINS	155 FT	4.472 FT <sup>3</sup>		
a 7092 PSIG	100%	1150°F	60 MINS	155 FT	95 FT	141.98 FT <sup>2</sup>	4.472 FT <sup>3</sup>
b 7092 PSIG	100%	1150°F	60 MINS	155 FT	95 FT	87.02 FT <sup>2</sup>	2.741 FT <sup>3</sup>
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 MAY 17-10 Signed [Signature] For Rushion Gas & Oil Equipment (1991) Ltd. (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 03-17-10 Signed [Signature] ABSA