



the pressure equipment safety authority

MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

AB-28 2006-02

PARTIAL ☐

A# **A 600346**

Manufactured By: Rushion Gas & Oil Equipment (1991) Ltd. 2331-12th 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: SINCCLAIR ALBERTA

Manufacturer's Serial No.	Construction Drawing No.	Design Pressure	Design Temp	Design Minimum Temp	Corrosion Allowance	Registered Drawing No.	CODE: ASME B31.3	Year Built
C332C.CB	C-332-D2 Rev: 1	4728 PSIG	250°F	-50°F	0.125"	C-1874.E Rev. 0	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	R1937.231
b Reheat	4728 PSIG	250°F	-50°F	0.125"	C-1874.E Rev. 0	R1937.231
d						
e						

COIL

Tubes			Return Bend			Flanges			Openings		
Mat'l Spec.	Diameter	Thickness	Mat'l Spec.	Thickness	Mat'l Spec.	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 CL1	RTJWN	CL 2500				
b SA-333-GR6	3"	0.600"	SA-420-WPL6	0.600"	SA-350-LF2 CL1	RTJWN	CL 2500				
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		Overall Length	Heating Surface	Volume
		Temp.	Time	Temp.	Time			
a 7092 PSIG	100%	1150°F	132 MINS	1150°F	132 MINS	155 FT	141.98 FT ²	4.472 FT ³
b 7092 PSIG	100%	1150°F	132 MINS	1150°F	132 MINS	95 FT	87.02 FT ²	2.741 FT ³
d								
e								
f								
g								

IMPACT TESTING: Impact test exempt per table 323.2.2A Consurables 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 Nov 4/10 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 NOV 04 2010 Signed [Signature] ABQSA