



the pressure equipment safety authority

MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

AB-28 2006-02

PARTIAL ☐

A# 543095

Manufactured By: Priority Projects Ltd. 1603-8th St. Nisku Alberta T9E-7S7

Manufactured For: Devon Canada Corp. 2000,400-3 Ave. S.W. Calgary Alberta T2P-4H2

Ultimate Owner: Devon Canada Corp. 2000, 400-3 Ave. S.W. Calgary Alberta T2P-4H2

Location of Installation: a-97-J / 93 P-1 Noel Black Hawk

Manufacturer's Serial No.	Construction Drawing No.	CODE: ASME B31.3			Year Built
6144	6144-301 Rev. "1"	Edition	2004	Addenda	2006

CONSTRUCTION

	Coil ID/Purpose	Design Pressure	Design Temp	Design Minimum Temp	Corrosion Allowance	Registered Drawing No.	CRN
a	1.503" / preheat	5625 psig.	200°F	minus 20°F	0.0625"	Coil Chart AB. CRN:	F-3086.23
b	2.900" / reheat	1350 psig.	200°F	minus 20°F	0.125"	Coil Chart AB. CRN:	F-3319.23
c						6144-301 B.C. CRN:	K5992.1
d							
e							

COIL

Tubes			End Closures				Openings			
			Return Bend		Flanges					
	Mat'l Spec.	Diameter	Thickness	Mat'l Spec.	Thickness	Mat'l Spec.	Rating	Mat'l Spec.	Size/Type	Rating
a	SA106B	2.375" O.D.	0.436"	SA234WPB	0.436"	SA105N	CL2500			
b	SA106B	3.500" O.D.	0.300"	SA234WPB	0.300"	SA105N	CL600			
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 8438 psig.	100%	Visual	1150°F	1 Hour	11'	59.3 sq. ft.	1.17 cu. Ft.
b 2025 psig.	100%	Visual	1150°F	1 Hour	11'	19.7 sq. ft.	0.98 cu. Ft.
c							
d							
e							
f							
g							

IMPACT TESTING: Impact exemption per. Para. 323.2.2b

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 20-Jun-06 Signed

For Priority Projects 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 20th JUNE 2006. Signed

AB #197-A