



the pressure equipment safety authority

MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

AB-28 2006-02

PARTIAL ☐A# (A) 602-876

Manufactured By: PANAX OIL & GAS INC. 3730-69th AVE EDMONTON, AB. T6B-2V2

Manufactured For: ARC PETROLEUM c/o XXL ENGINEERING 101, 807 MANNING ROAD NE CALGARY, AB T2E 7M8

Ultimate Owner: ARC PETROLEUM c/o XXL ENGINEERING 101, 807 MANNING ROAD NE CALGARY, AB T2E 7M8

Location of Installation: Unknown

Manufacturer's Serial No.	Construction Drawing No.	CODE: ASME B31.3				Year Built
LH-713	BDD-401 Rev.1	Edition	2008	Addenda	-	2011

CONSTRUCTION

	Coil ID/Purpose	Design Pressure	Design Temp	Design Minimum Temp	Corrosion Allowance	Registered Drawing No.	CRN
a	BDD-401 PRE-HEAT COIL	3212 PSIG	200°F	-20°F	0.125"	BDD-400A Rev.1	P9417.213
b	BDD-401 RE-HEAT COIL	3212 PSIG	200°F	-20°F	0.125"	BDD-400A Rev.1	P9417.213
c							
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	SA-333 GR.6	NPS 4	0.531"	SA-420-WPL6	0.531"	RTJ WN / SA-350-LF2	CL1500	SA-105N	NPS 3/4 CPLG	CL6000
b	SA-333 GR.6	NPS 4	0.531"	SA-420-WPL6	0.531"	RTJ WN / SA-350-LF2	CL1500	SA-105N	NPS 3/4 CPLG	CL6000
c										
d										
e										

HEADERS/MANIFOLDS

	Purpose	Size	Shell	Thickness	Ends			Openings		
			Mat'l Spec.		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	4818 PSIG	100%	N/R	1150F	75 MINUTES	20'-1"	223.82FT ²	11.10 FT ³
b	4818 PSIG	100%	N/R	1150F	75 MINUTES	20'-1"	223.82FT ²	11.10 FT ³
c								
d								
e								
f								
g								

IMPACT TESTING: IMPACT TEST EXEMPT PER ASME B31.3 2008 EDITION (TABLE 323.2.2-COLUMN A)

REMARKS: SAFETY RELIEF VALVE IS THE RESPONSIBILITY OF THE END USER.

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 05-04-11 Signed
(Representative)

For

PANAX OIL & GAS INC.

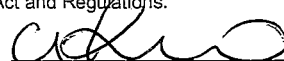
(Manufacturer)

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 05-04-11

Signed



AB 245 NB 12897 A, B