

66175403



MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

AB-28 2006-02

PARTIAL ☐A# 602817

Manufactured By: ALCO GAS & OIL PRODUCTION EQUIPMENT LTD 5203-75th Street, Edmonton, Alberta

Manufactured For: HUSKY OIL OPERATIONS LTD c/o EXCELSIOR ENGINEERING LTD - 400, 1110 CENTRE STREET NE CALGARY AB T2E 2R2

Ultimate Owner: HUSKY OIL OPERATIONS LTD

Location of Installation: MINEHEAD COMPRESSOR STATION (LSD: 03-06-049-18 W5M)

Manufacturer's Serial No.	Construction Drawing No.	CODE: ASME B31.3			Year Built
2011-8169-06	C-2011-8169-06-001/001 R0	Edition	2008	Addenda	2011

CONSTRUCTION

Coil ID/Purpose	Design Pressure	Design Temp	Design Minimum Temp	Corrosion Allowance	Registered Drawing No.	CRN
a PROCESS COIL	400 PSIG	500 F	-20 F	0.0625"	C-2011-8169-06-001/001 R0	V-3991.2
b						
c						
d						
e						

COIL

Tubes			End Closures				Openings		
Mat'l Spec.	Diameter	Thickness	Return Bend Mat'l Spec.	Thickness	Flanges Mat'l Spec.	Rating	Mat'l Spec.	Size/Type	Rating
a SA-106 Gr.B	NPS 3	0.216"	SA-234 WPB	0.216"	SA-150N	CL300			
b									
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 INLET	NPS 6 X 4	SA-106B / SA-234 WPB	0.237" / 0.280"	SA-234 WPB CAP	0.280"		SA-105N CPLG	NPS 1	CL3000
g OUTLET	NPS 6 X 3	SA-234 WPB	0.216" / 0.280"	SA-234 WPB CAP	0.280"		N/A		

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 635 PSIG	10%		NONE	N/A	130'-6"	116.6 sq. FT	6.84 cu. FT
b							
c							
d							
e							
f							
g							

IMPACT TESTING: EXEMPT PER FIG 323.2.2A

REMARKS: SAFETY VALVE 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 APRIL 1, 2011

Signed

(Representative)

For ALCO GAS & OIL PRODUCTION EQUIPMENT 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

04-01-11

Signed

CCK

NB12897 AB

AB245