

MANUFACTURER'S DATA REPORT FOR INDIRECT FIRED HEATER COILS

the	pressure equipment safety	authority		•												3 2006-02	
PAR	ITIAL											A# Å	6(<u>)03</u>	lt	<u> </u>	
Mar	nufactured By:			Priority Projects Ltd. 1603 - 8th Street Nisku Ab. T9E 7S7													
	ufactured For:			Murp	hy Oi	l Company l	td. Suit	e 1700, 555 - 4t	n Ave. S	S.W. Calgary,	Ab. T	2P 3Y3					
Ulti	mate Owner:			Murph	y Oil (Company Lt	d. Suite	1700, 555 - 4th	Ave. S.	W. Calgary, A	b. T2	P 3Y3					
Loc	ation of Installatio	n:						LSD: c-58-A	/ 93-P-9)							
		Na	Construc	tion Drawing	No	CODE: ASME B31.3 Year Built											
mai	nufacturer's Serial 6565	Constitue	struction Drawing No. 6565-301 Rev. 1						Edition	Edition 2008 Addenda				2010			
L	0000			CTION													
Γ				1	\top	Design	\Box										
				Design	1 - 1		- 1	Corrosion			Designated Designation No. 1			05.			
\perp	Coil ID/Purpose		Design Pressure	Temp	\perp	Temp						ered Drawing No. Coil Chart			CRN F-3319.231		
a	N1 & N2 Preheat		5031 psig.	200°F	+	minus 20° minus 20°		0.125" 0.125"		<u> </u>		Coil Chart			F-3319.231		
b	N3 & N4 Preheat N5 & N6 Reheat		5031 psig. 1350 psig.	200 F	+	minus 20°		0.125"				Coil Chart			F-3319.231		
d	N7 & N8 Rehe		1350 psig.	200°F	+	minus 20°		0.125"		Coil Chart					F-3319.231		
e	TT G TO TORE																
			······································		•		COI										
г								End Closures					,				
- {		Tubes		Return				Flanges		es	7	Openings		nings	\$		
t	Mat'l Spec.	Diameter	Thickness	Mat'l Spec.		Thick	ness	Mat'l S				Mat'l Spec.		Size/Ty	/ре	Rating	
а	SA106B	06B 3.5" O.D. 0.600"		SA234WPB		0.600"		SA105N		CL 2500	_				_		
b	SA106B	3.5" O.D.	0.600"	SA234WPE				SA105N		CL 2500	4				-+		
C	SA106B	3.5" O.D.	0.300"	SA234WPB SA234WPB		0.300"		SA105N SA105N		CL600 CL600	+		-		\dashv	***********	
d	SA106B	A106B 3.5" O.D. 0.300" SA234W		PB	0.000		SATU	ATOON		+		-		十			
е		<u> </u>					20/86	ANIFOLDS				 					
-	HEADERS/MANIFOLDS Shell Ends Openings																
- 1	Duman	Size		nell Spec. Th		nickness M		Ends Mat'l Spec. Thi		hickness	No			Size/T	e/Type Rating		
H	Purpose	J.Ze	-	<u> </u>													
9																	
TEST PRESSURE, NDE, POSTWELD HEAT TREATMENT AND SIZE																	
Γ	I hadas atatis Toot	Radiograp		NDE (MT)		Postweld Heat											
- 1	Hydrostatic Test Pressure	(100% or	1 '	T) (UT)	Γ		Timo		Overell Langth			Heating Surface		_	Volume		
\dashv		Random		V. Garriel	+	Temp. 1150°F	Time One Hour		Overall Length 17'		n	85.5 sq. ft.		e	2.7 cu. ft.		
a	7547 psig.	100%		Visual Visual	\dashv	1150°F		One Hour		17'		85.5 sq. ft.			2.7 cu. ft.		
b	7547 psig.			Visual		1150°F		One Hour	17' 10"			30.3 s			1.49 cu. ft.		
C	2025 psig.			Visual	\dashv	1150°F		One Hour		17' 10"		30.3 sq. ft.			1.49 cu. ft.		
d	2025 psig.	10070		Todal		1,001											
e f				,													
g					\dashv		1			· ·······						,	
D																	
IMPACT TESTING: Impact exemption per. Para. 323.2.2b													 				
REMARKS: P.S.V. to be installed by others																	
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					CEF	RTIFICAT	F OF (COMPLIANC	F								
18/-	certify that the state	tomonto in th	ic roport are corr	act and that a						n and work	mar	nship of this coi	l bund	le are in	acco	rdance	
wit	the above Provinc	cial Registere	ed Design.	ect asid triat a		/	oigii, ii	natorial, con		,,, a,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,						
			<u> </u>	W/MM	Z/	/											
Ω	Date 16 SEP.	0/0 Sign	Signed M///			For .			Priority Projects Ltd.								
	-			(Replesenta	ative							(Manufacturer)	,	•			
								OP INSPECT								 	
I, tl	ne undersigned, a di ief, the construction	luly authorize	ed Safety Codes	Officer employ	yed l	by ABSA I	nas ins Regula	spected the a	oove l	⊣eater Coils	and	ı state that, to t	ne bes	st or my l	HWOFF	eage and	
pel	iei, the construction	is in accord	ance with the Alt	icita Jaiety C	Jues		Regula					_ ^					