Handbook Revision 10.01.09 Refer to pages 19 – 20 of API Spec 12K Purchase API Spec 12K online at www.global.ihs.com

**API Specification** 

**12K** 

Eigth Edition, October 2008 Specification for Indirect Type Oil Field Heaters Annex A

**Indirect Heater Design Information** 

API Monogram <sup>®</sup> Required	☐ Yes	□ No		
			nex A mative)	
Indi	rect H	eater D	esign Information	
Field		_Geograp	hical Location	
Service				
		Davissa	O	
One Date COELL		•	Conditions	O 000F
			Sp. Gravity	
			API Gravity	
			Sp. Gravity	
			_ psig Inlet Pressure	
			Site Elevation	ft
If Sour Gas: H <sub>2</sub> S				
Outlet Flowing Temperature			°F	psig
Fuel Gas Available Yes	No Pi	ressure	psig	
Fuel Gas Source		High Heat	ing Value (HHV)	BTU/SCF
Other Fuel: Specify				
NOTE Flow rates should be maximum i	nstantane	ous rates b	ased on expected flow surges.	
		Design Re	equirements	
Coil Bundle: Single		•	Split	
-			psig, Expansion	
			Other	
			Special: Specify	
Regulatory Requirements/Limitations				
		•		
Specify				<del></del>

## American Petroleum Institute Purchasing Guidelines Handbook API<sup>®</sup> Monogram<sup>®</sup> Equipment

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API® Monogram® Equipment

API Specification 12K: Eigth Edition, October 2008
Specification for Indirect Type Oilfield Heaters

Indirect Heater Design Information

Optimal Requirements

			<b>3</b>					
	Ор	timal Requirements						
Coil Connections: Flanged	<del></del>	_ Threaded	Other					
Companion Flange Bolted On (0	CFBO) Yes	No, Bore	·	in.				
Skid Mounted *	Lifting Lugs							
Insulation: Specify								
Shell Lifting Lugs Yes	No							
Intake Flame Arrestor	Stack Flame Arrestor							
Stack Spark Arrestor	Stack Down Draft Diverter							
* If so, state how unit will be loade	d, unloaded, and su	pported in normal ope	ration.					
Stack Rain Shield	Stack Gas Sample Connection							
Fuel Gas Scrubber	Electric Spark Ignitor							
Pilot Flame Failure Shutdown _								
Telltale Holes Yes	No							
Fuel Gas Regulator								
Other Accessories	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
Water Bath Additive								
Controls: Mfg. Standard Other								
NACE MR 0175 Required	· · · · · · · · · · · · · · · · · · ·							
	Manu	facturer's Heater Da	ata					
Firetube Capacity				BTU/hr				
Firetube Size		ace Area	ft <sup>2</sup>					
Coil Size and	_	Coil Area	Max. W.P					
No. Schedule	Material	ft <sup>2</sup>	psig	Limited by				
1		<del></del>		<del></del>				
2		<del></del>	. <del></del>					
3			·					
Water Bath Capacity	gal, Empty Shipping Weight		Weight	lb				