

CIRCULATION HEATER CHECKLIST

Project Name: _____

Submitted by: _____

Phone: _____ Email: _____

Customer: _____

Fluid Name/Composition: _____

OPERATING CONDITIONS:

	Unit	Inlet	Outlet
Flow Rate:			
Temperature:			
Pressure:			
Allowable Pressure Drop:			
Density:			
Viscosity:			
Specific Heat:			
Thermal Conductivity:			

ASME Mechanical Design Conditions

	Unit	Notes
Temperature:		
Pressure:		
MDMT: (Minimum Design Material Temperature)		
Corrosion Allowance:		
Max Sheath Temperature:		
ASME:	Y N	
Canadian Registration (CRN):	Y N	
Canadian Province:		

ELECTRICAL

Service:	Volt: _____	Phase: _____	Hz: _____
Area Classification:			
Standards:	NEC	IEC	
Third Party Approval Required:	cCSA	CSAus	ATEX IECx

CIRCULATION HEATER CHECKLIST PART TWO

MECHANICAL INFORMATION:

Insulation Required:	None	Complete	Sides only	Top only
	Insulation Material: _____		Insulation Thickness: _____	
Maximum Assembly Length:				
Maximum Assembly Height:				
Materials of Construction:				
Circulation Heater Inlet Size and Location:				
Circulation Heater Mounting Size and Location:				
Skid Mounting Required:			Vertical	Horizontal
Heater/Panel Pre-Wired:			Yes	No
Customer Approved Manufacturing List:			Yes	No

CONTROL PANEL CHECKLIST:

Area Classification:	Indoor	Outdoor	Non-hazardous		
	Class: _____	Div: _____	Grp: _____	Cat.: _____	Zone: _____
Purge Required:			Y	N	
Third Party Approval:	cUL	UL	ATEX	IECx	
Control Type:	Contractor		SCR		
Enclosure Material:					
Short Circuit Rating:	KAIC _____				
Process Signal:	By BriskHeat		By Others		

CIRCULATION HEATER CHECKLIST PART THREE

Outputs:			QTY:	Notes:
Process Retransmitting:	Y	N		
Process High Shutdown:	Y	N		
Process Overtemp:	Y	N		
Heater Element High:	Y	N		
Heater Element Overtemp:	Y	N		
Heater Running Status:	Y	N		
	Y	N		
	Y	N		
Customer Approved Manufacturing List:	Y	N		
Inputs:			QTY:	Notes:
Remote Setpoint:	Y	N		
Remote Shutdown:	Y	N		
Remote Enable:	Y	N		
Level Switch:	Y	N		
Emergency Shutdown:	Y	N		
	Y	N		
Spare Terminals:	Y	N		
Panel Heater:	Y	N		
Panel Cooler:	Y	N		
Special Nameplates:	Y	N		