INDIRECT FIRED EQUIPMENT INSTALLATION FORM

AERC		FIRED EQUIPME FION FORM	NT	
Please complete ONE (1) form for eac warranty validation within 30 days of sta				
Completed By:		Date:		
	Unit & Locatio			
Installation Name:	SST Te	echnician:		
Street Address:		Company:		
City, State, Zip:		Phone #:		
ALNOO Odies Nep.		action		
Choose the unit type and enter the seria	Equipment Classifi		S if neede	
	terWizard			
	General Installat	ion		
1. Does the installation meet AERCO	recommended clearances?		🗌 Yes	🗌 No
 Does condensate gravity drain? 			☐ Yes	
3. Is there any lift in the condensate pi	iping?		🗌 Yes	🗌 No
4. Does condensate drain to a receive	r?		🗌 Yes	🗌 No
5. Is the relief valve piped to drain or within 12" of floor?			🗌 Yes	🗌 No
6. Is the unit's drain piped to the floor or a drain?			🗌 Yes	🗌 No
7. Is there a drip leg installed in the steam service piping prior to AERCO control valve?			🗌 Yes	🗌 No
8. Is there a Y-line steam strainer before the control valve?			🗌 Yes	🗌 No
9. If yes, what is the strainer mesh size	e?	-		
10. Is a recirculation system used to ma	aintain system water temperatur	re?	🗌 Yes	🗌 No
11. If yes, what is the recirculation pum	p capacity in GPM?	GPM		
12. Is heat trace used to maintain syste	m water temperatures?		🗌 Yes	🗌 No
13. What is the outlet water temperature	e set point?	°F		
14. What is the high limit temperature s	witch setting?	°F		
15. For a multiple unit installation, does	the system utilize one or more	of the following balancing met	hods?	
		Reverse return piping	□Yes	□No
		Balancing valves	□Yes	□No

	For Heaters Using a Storage Tank							
1.	Storage tank is: Stratified Accumulator							
2.	Does tank have? Baffle Dispersion Tube							
3.	What is the storage tank's volume? Gallons		_					
4.	If using an accumulator, is an F&T trap installed on the heaters	Yes	🗌 No					
5.	What is the heater outlet temperature? °F							
6.	Position of aquastat: Upper 1/3 Middle 1/3 Lower 1/3	🗌 No	aquastat					
7.	What is the aquastat temperature setting? °F							
8.	Does the aquastat control the pump between the tank and heater?	🗌 Yes	🗌 No					
9.	Is a throttling valve installed between the pump and heater?	🗌 Yes	🗌 No					
10.	Is there a bypass loop around the pump?	🗌 Yes	🗌 No					
11.	What is the capacity of pump between the tank and heater? GPM							
	Water Heater Installation							
1.	Are isolation valves installed in the inlet piping?	🗌 Yes	🗌 No					
٦. 2.	Are isolation valves installed in the outlet piping?							
3.								
4.	Are check valves installed in the cold water inlet?	 □ Yes	 □ No					
5.								
6.	Building recirculation is piped to:							
7.	Record distance of building connections (ft) & cold water feed (ft) to the bank	of unit(s)						
8.	What are the maximum/minimum design flow rates through the unit? Max GPM, Min		GPM					
	a. Were the maximum & minimum flow rates verified?	🗌 Yes	🗌 No					
	What is the design system flow rate? GPM							
10.	What is the design plant delta T? °F							
Valve Information								
1.	Inlet steam pressure to valve?							
2.	Has the water flow been balanced between the units?	🗌 Yes	s 🗌 No					
2. 3.	Type of valve: Pneumatic Self-Contained Electric							
э.								
	AERCO Other							

Mode of Operation						
If Network (MODBUS), the network type is (choose one):						
Gateway	Other:					
ProtoNode						
If Building Automation System (BAS) Protocol is in use (choose one):						
BACNet (choose one):						
IP (ProtoNode Only)	☐ MS/TP					
	ARC156 (XPC Model Only)					
Johnson Controls - N2						
LonWorks						

		Summary		
	Are all units installed in accordance with AERCO gu a. If No, please describe the issues.	uidelines and industry best practices?	☐ Yes	☐ No
	 b. Who has been contacted? Please provide nam AERCO Applications Engineer: Mechanical Contractor: Design Engineer: Controls Engineer: 	ne & number for each person contacted. (Chec General Contractor: Building Owner: Plumber: Electrician:	ck all that app	oly)
2.	Is there any conflict between the Installation & the E a. If Yes, please describe the issues.	Engineer's Specification or Design Plans?	🗌 Yes	🗌 No
3.	 b. Who has been contacted? Please provide nam AERCO Applications Engineer: Mechanical Contractor: Design Engineer: Controls Engineer: Are there any conflicts or physical restrictions that w proper preventative maintenance in the future? a. If Yes, please describe the issues. 	General Contractor: General Contractor: Building Owner: Plumber: Electrician:	ck all that app	oly)
L.	Mechanical Contractor:	General Contractor: General Contractor: Building Owner: Plumber: Electrician:		
	a. AERCO Application Engineering Sign Off:			

ADDITIONAL NOTES: