

## Heat Exchanger Pre-Startup Checklist

<b>Technician's Name:</b>	<b>Date:</b>
<b>Unit Tag Number:</b>	
<b>Unit Application:</b>	

Item:	Checked?		Initials
	Yes	No	
Isolation valves provided:	<input type="checkbox"/>	<input type="checkbox"/>	
- Inlet hot side	<input type="checkbox"/>	<input type="checkbox"/>	
- Outlet hot side	<input type="checkbox"/>	<input type="checkbox"/>	
- Inlet cold side	<input type="checkbox"/>	<input type="checkbox"/>	
- Inlet hot side	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance: Provide for tube removal	<input type="checkbox"/>	<input type="checkbox"/>	
Thermometers installed:	<input type="checkbox"/>	<input type="checkbox"/>	
- Inlet hot side	<input type="checkbox"/>	<input type="checkbox"/>	
- Inlet cold side	<input type="checkbox"/>	<input type="checkbox"/>	
- Out cold side	<input type="checkbox"/>	<input type="checkbox"/>	
Vacuum breaker installed (steam to water only)	<input type="checkbox"/>	<input type="checkbox"/>	
Unit supported correctly, no evidence of piping strain	<input type="checkbox"/>	<input type="checkbox"/>	
Foundation bolts loosen one end for shell expansion	<input type="checkbox"/>	<input type="checkbox"/>	
Temperature control valve installed	<input type="checkbox"/>	<input type="checkbox"/>	
Temperature control valve bypass provided	<input type="checkbox"/>	<input type="checkbox"/>	
Proper sized steam trap provided	<input type="checkbox"/>	<input type="checkbox"/>	
Steam trap bypass installed	<input type="checkbox"/>	<input type="checkbox"/>	
Steam trap Y-strainer installed	<input type="checkbox"/>	<input type="checkbox"/>	
Steam trap installed 18" below outlet of unit	<input type="checkbox"/>	<input type="checkbox"/>	
Condensate piping pitch downward with no upward lifts	<input type="checkbox"/>	<input type="checkbox"/>	
Condensate piped to condensate receiver	<input type="checkbox"/>	<input type="checkbox"/>	
System flushed and clean	<input type="checkbox"/>	<input type="checkbox"/>	
System vented and primed	<input type="checkbox"/>	<input type="checkbox"/>	
Drain connection provided shell side	<input type="checkbox"/>	<input type="checkbox"/>	
Drain connection provided tube side	<input type="checkbox"/>	<input type="checkbox"/>	

