



Customer Name: _____
 Completed by: _____ Date: _____
 Contact Number: _____ Quantity: _____
 Job Number: _____ Part Number: _____

Flanged Immersion Heater Application Worksheet

<p>Flange Size: 3" <input type="checkbox"/> 4" <input type="checkbox"/> 5" <input type="checkbox"/> 6" <input type="checkbox"/> 8" <input type="checkbox"/> 10" <input type="checkbox"/> 12" <input type="checkbox"/> 14" <input type="checkbox"/> other (specify): _____</p> <p>Flange Material: Steel <input type="checkbox"/> 304 SS <input type="checkbox"/> 316 SS <input type="checkbox"/> other (specify): _____</p> <p>Flange Rating: 150 lb. <input type="checkbox"/> 300 lb. <input type="checkbox"/> other (specify): _____</p> <p>Sheath Material: Steel <input type="checkbox"/> Copper <input type="checkbox"/> 304 SS <input type="checkbox"/> 316 SS <input type="checkbox"/> Incoloy <input type="checkbox"/> other (specify): _____</p> <p>Number of Elements: _____</p> <p>Integral Thermostat: None <input type="checkbox"/> 0-100°F <input type="checkbox"/> 60-250°F <input type="checkbox"/> 150-550°F <input type="checkbox"/></p> <p>Over-Temperature Cut-out: 60-250°F <input type="checkbox"/> 150-550°F <input type="checkbox"/> 300-650°F <input type="checkbox"/></p> <p>Terminal Enclosure: None <input type="checkbox"/> General Purpose <input type="checkbox"/> Moisture Resistant <input type="checkbox"/> Explosion Resistant <input type="checkbox"/></p> <p>Rating: Watts _____ Volts _____ Phase _____</p> <p>Heating Element Immersion Length: Dimension= _____ inches Cold length below flange: _____ inches</p> <p>Number of Electrical Circuits: Standard <input type="checkbox"/> other (specify): _____ KW/circuit</p> <p>Terminal Seals: None <input type="checkbox"/> RTV (450°F) <input type="checkbox"/> Epoxy (300°F) <input type="checkbox"/> Epoxylite (600°F) <input type="checkbox"/> other (specify): _____</p>	<p>Heating Element Watt Density: 6.5W/in² <input type="checkbox"/> 15W/in² <input type="checkbox"/> 20W/in² <input type="checkbox"/> 22W/in² <input type="checkbox"/> 45W/in² <input type="checkbox"/> other (specify): _____</p> <p>A.S.M.E.: Design only <input type="checkbox"/> Design & Certify <input type="checkbox"/></p> <p>Agency approvals: None <input type="checkbox"/> CE <input type="checkbox"/> CSA <input type="checkbox"/> U.L. Recognized <input type="checkbox"/> Other: <input type="checkbox"/> _____</p> <p>Flange Gasket: Std. <input type="checkbox"/> other (specify): _____</p> <p>Special Features: Cross Flow Baffles <input type="checkbox"/> Stand-Off Enclosure: 4" <input type="checkbox"/> 6" <input type="checkbox"/> Other: _____ High-Limit T/C welded to sheath: "J" <input type="checkbox"/> "K" <input type="checkbox"/> Passivation of wetted parts <input type="checkbox"/> Electropolishing <input type="checkbox"/> Other (Specify): _____</p>
<p>Additional Details: _____ _____</p>	

Please email (sales@sethermal.com) or fax (704-399-4167) to Southeast Thermal Systems