



# SOUTHEAST THERMAL SYSTEMS

Customer Name: \_\_\_\_\_  
 Completed by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contact Number: \_\_\_\_\_ Quantity: \_\_\_\_\_  
 Job Number: \_\_\_\_\_ Part Number: \_\_\_\_\_

## Pipe Plug Immersion Heater Application Worksheet

Pipe Plug Size: 1"  1¼"  1½"

2"  2½"

Pipe Plug Material: Steel  Brass  304SS

316SS  other (specify): \_\_\_\_\_

Number of Heating Elements: 1  2  3

Integral Thermostat: None

(1"-1¼"): 0-100°F  80-180°F  60-250°F

(2"-2 ½"): 0-100°F  80-180°F  60-250°F

Over Temperature Cutout thermostat in housing:

60-250°F  100-150°F  300-650°F  None

Terminal Enclosure: None  General Purpose

Moisture Resistant  Explosion Resistant

Explosion Resistant/Moisture Resistant

Rating: Watts: \_\_\_\_\_ Volts: \_\_\_\_\_

Phase: 1PH  3PH

Heating Element Immersion Length:

Dimension= \_\_\_\_\_ inches

Cold Length Below PP: \_\_\_\_\_ inches

Heating Element Sheath Material: Incoloy

Stainless Steel  Steel  Copper

Terminal Seals: None  Epoxy 300°F

RTV 450°F  Epoxylite 600°F

other (specify): \_\_\_\_\_

Heating Element Watt Density: 6.5W/in²

15W/in²

20W/in²

22W/in²

45W/in²

other (specify): \_\_\_\_\_

Agency approvals: None  CE  CSA

U.L. Recognized  other (specify): \_\_\_\_\_

Other Special Features Foldback

Passivation of wetted parts  Electropolishing

Thermostat Stop  Specify stop setting: \_\_\_\_\_ °F

High-Limit T/C welded to sheath: "J"  "K"

other (specify): \_\_\_\_\_

Operating Conditions:

Application: (describe in detail) \_\_\_\_\_

Heated medium: Gas  Liquid

Operating Temperature \_\_\_\_\_ °F

Operating Pressure \_\_\_\_\_ psig

Installation environment: Indoor  Outdoor

Hazardous [Div \_\_\_\_\_ Group \_\_\_\_\_]

Ambient Temperature: \_\_\_\_\_ °F