BriskHeat *Your Heating Specialist Since 1949*

# PIPE TRACING SYSTEM DESIGN CHECKLIST

Contact Name: _____ Telephone Number: _____

Company Name: _____ Fax: _____

Address: _____

Application: _____

Type of Industry: _____

**A. PIPE SPECIFICATIONS:**

Preferred Unit of Measurement: ☐ Inches ☐ mm

Outside Diameter: _____ Wall Thickness: _____ Length: _____

Pipe Material: _____ Wall Type: ☐ Single ☐ Double

Insulation Type: ☐ Fiberglass ☐ Calcium Silicate ☐ Neoprene ☐ Mineral Wool ☐ Ceramic Wool ☐ Perlite
☐ Aerogel ☐ Silicone Foam ☐ Polyimide Fiber ☐ Other _____

Insulation Thickness: _____

How Many: Valves _____ Flanges _____ Supports _____ Pumps _____
45° Elbows _____ 90° Elbows _____ Tee's _____

**B. LOCATION:**

Pipe location: ☐ Indoors ☐ Outdoors If outdoors what is the wind speed: _____

Minimum Ambient Temperature: _____

Area Classification: ☐ Ordinary ☐ Hazardous Approval Requirements: _____

**C. PRODUCT SPECIFICATIONS:**

Product Name: _____ Specific Heat: _____

Min/Max Initial Temp: _____ Density: _____

Corrosive: ☐ Yes ☐ No Flow Rate: _____

Beginning State (Solid, Liquid, or Gas): _____ Ending State: _____

*Note: If beginning and ending state are different, heat of fusion must be provided.*

**D. TEMPERATURE:**

Unit of Measure: ☐ °F ☐ °C

Initial Process Temperature: _____ Process maintenance temperature: _____

Time required for heat up: ☐ 1 hours ☐ 2 hours ☐ 4 hours ☐ 8 hours ☐ 12 hours ☐ 24 hours
☐ Other: _____

**E. POWER REQUIREMENTS:**

Operating Voltage: ☐ 120 ☐ 208 ☐ 240 ☐ 277 ☐ 480 ☐ Other: _____

Phase: ☐ Single ☐ 3 phase wye ☐ 3 phase delta

Circuit Breaker Size: _____

**Please submit drawing (if available.)**