1 Client Information

Company: _____ Phone Number: _____

Contact Name: _____ Email: _____

2 Expected/Desired Heating System

○ Jacketed Pipe ○ ControTrace® ○ TraceBOOST™ ○ Tube Tracing ○ CSI To Recommend

3 Heating Medium Type

○ Steam ──────────────▶ Supply Pressure: _____

○ Water/Glycol ─────────▶ Supply Temperature: _____

○ Hot Oil

○ Other: _____
(if liquid provide supply temperature)

4 Process Information

Process Name: _____

Process Phase: ○ Vapor   ○ Liquid

5 Thermal Need/Objective

○ Maintain Bulk Process Temperature   ○ Heat Exchanger   ○ Winterization

○ Maintain Pipe Wall Temperature   ○ Melt-out   ○ CSI To Recommend

Required Maintenance Temperature: _____ ○ Other Info: _____

6 Piping Details

(Isometric drawings and line list are preferred, alternatively fill in the piping details chart below)

Section/Line	Pipe Diameter	Pipe Length	Pipe Schedule	Pipe Material	Insulation Type	Insulation Thickness	Fitting Frequency	Support Style	Flange or FW Construction	Other

Required Information ◀──▶ Optional Information

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7 Additional Process Information (Optional)

Minimum Acceptable Process Temperature: _____ Limited By: _____

Maximum Acceptable Process Temperature: _____ Limited By: _____

Process Properties:

        Density: _____ Viscosity: _____

        Thermal Conductivity: _____ Specific Heat: _____

        Volumetric Coefficient of Thermal Expansion: _____

        Latent Heat of Fusion: _____

8 Additional Heating Medium Information (Optional)

Hot Oil Brand/Model: _____

Hot Oil Properties at Supply Temperature:

        Density: _____ Viscosity: _____

        Thermal Conductivity: _____ Specific Heat: _____

Glycol Type: ○ Ethylene Glycol   ○ Propylene Glycol   ○ Other: _____

Water/Glycol Mix Ratio: _____

Oil/Water/Glycol Operating Pressure - Supply Header: _____ Return Header: _____

Oil/Water/Glycol Maximum Available Flow Rate: _____

Steam Condensate Return Header Operating Pressure: _____

Steam Trap Style: _____

9 Equipment & Environment Information (Optional)

Reference material: (attach P&IDs, BOM, line list, PFDs, plant specifications, process simulation output, etc.)

Installation Country: _____ Installation City: _____

Installation Environment: ○ Outdoors   ○ Indoors   ○ Covered

Ambient Temperature Minimum: _____ Temperature Maximum: _____

Special Material Requirements (standard ControTrace material is SA-178): _____

Special Design Requirements (standard ControTrace design P/T is 150 psi at 400°F): _____

Will the heating system be installed before or after the pipe is installed?: _____

Additional Information:

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