



ZIRCO (1989) LTD.
 5614 A Burbank Road SE
 Calgary, Alberta T2H 1Z4
 Telephone (403)259-3303
 Facsimile (403) 259-2814

Form: FTS-EQ

Evaluation Questionnaire

Today's Date: _____
 Requested Quotation Date: _____ Type of Pricing: Budget / Firm (circle one)

Customer Information :

Company Name: _____ City: _____ State: _____
 Customer Name: _____
 Office Phone: _____ Mobile Phone: _____
 Email: _____

Product Application Goal: (circle all that apply)

- 1) Maintain bulk process temperature at _____ °F / °C
 - Upper Limit Temperature: _____ °F / °C
 - Lower Limit Temperature: _____ °F / °C
- 2) Maintain specific pipe wall temperature at _____ °F / °C
- 3) Heat up the process from _____ °F / °C to _____ °F / °C in _____ hours
 - Additional Application Information:

Process internal film coefficient of details:

- Name of process: _____ (Vapor or Liquid)
- At what temperature does the process enter the pipe? _____ °F / °C
- Density (lb/ft³): _____
- Viscosity (Cp): _____
- Specific Heat (BTU/lb F): _____
- Thermal Conductivity (BTU/hr ft °F): _____
 - For Melt-out only: Cp Solid: _____ BTU/lb F, Latent HoF: _____ BTU/lb, Solid Density: _____ lb/ft³

Piping information:

Pipe Size	Pipe Sch.	Pipe Material	Insulation	Thickness	Process Flow Rate (lb/hr)

Tubing Specifications (QMax can specify and supply if desired):

- Type of Tubing desired (standard is 1/2 inch Stainless Steel): _____
 Wall thickness: _____ inches, Pressure Rating: _____ psig, Temperature Rating: _____ °F / °C
- Desired Heating Medium Connections: _____

Heating Medium Details: (please note if using superheated steam and indicate temperature)

- Type of Heating Medium (Steam, Hot Oil, Water, other): _____
- Pressure: _____ psig/bar, Temperature: _____ °F / °C, Flow Rate (if liquid): _____ lb/hr

Ambient Conditions:

- Indoors or Outdoors? (circle one)
- Minimum Ambient Temperature: _____ °F / °C, Maximum: _____ °F / °C
- Is Aluminum acceptable in this application? (Yes / No)