



Contact Name: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Company Name: \_\_\_\_\_ Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Application: \_\_\_\_\_ Type of Industry: \_\_\_\_\_

### Pipe Specifications

Diameter: \_\_\_\_\_ Length: \_\_\_\_\_ Material: \_\_\_\_\_

Wall Thickness: \_\_\_\_\_ Wall Type:  Single  Double

Insulation Type:  Fiberglass  Calcium Silicate  Urethane Foam  Mineral Fiber  Foamed Glass  
 Per Lite  Other \_\_\_\_\_

Insulation Thickness: \_\_\_\_\_

How Many: Valves \_\_\_\_\_ Flanges \_\_\_\_\_ Supports \_\_\_\_\_ Pumps \_\_\_\_\_  
45° elbows \_\_\_\_\_ 90° elbows \_\_\_\_\_ Tee's \_\_\_\_\_

### Location

Pipe location:  Indoors  Outdoors If outdoors what is the wind speed: \_\_\_\_\_

Minimum ambient temperature: \_\_\_\_\_

Area Classification:  Ordinary  Hazardous Class: \_\_\_\_\_ Division: \_\_\_\_\_ Group: \_\_\_\_\_

### Product Specifications

Product Name: \_\_\_\_\_ Specific Heat: \_\_\_\_\_

Max/Min Exposure temps: \_\_\_\_\_ Density: \_\_\_\_\_

Corrosive:  Yes  No Flow Rate: \_\_\_\_\_

Beginning State  Solid  Liquid  Gas Ending State  Solid  Liquid  Gas

Note: if beginning state and ending state are different heat of fusion must be provided

### Temperature

Process start up temperature: \_\_\_\_\_ Process maintenance temperature: \_\_\_\_\_

Time required for heat up:  1 hour  2 hours  4 hours  8 hours  12 hours  24 hours  
 Other: \_\_\_\_\_

### Power Requirements

Operating voltage:  120  208  230  240  480  Other: \_\_\_\_\_

Phase:  Single  3 Phase Wye  3 Phase Delta Circuit breaker size: \_\_\_\_\_

Cable type preferred:  Constant Wattage  Self-Regulating  Recommend

Comments: \_\_\_\_\_

Although Self-Regulating cable can be used without a temperature controller, if a particular temperature is required then a temperature controller must be used. All Constant Wattage cable applications require temperature control. NPH Heater can provide this control.

Should NPH Heater recommend a controller for this application?  Yes  No

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_