

Date \_\_\_\_\_ Job Reference \_\_\_\_\_  
Company Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Customer Contact \_\_\_\_\_  
Phone No. \_\_\_\_\_  
E-Mail Address \_\_\_\_\_  
Date Quote Required \_\_\_\_\_

# IMMERSION HEATERS

Download the form and fill out all known information.  
Once complete, email to [sales@indeeco.com](mailto:sales@indeeco.com)

## APPLICATION

Material: \_\_\_\_\_ Insulation thickness: \_\_\_\_\_ in., Insulation Type: \_\_\_\_\_ "R" value: \_\_\_\_\_  
Process Temp Inlet: \_\_\_\_\_ °F Outlets: \_\_\_\_\_ °F Min./Max. Ambient Temps (°F): \_\_\_\_\_ / \_\_\_\_\_ Indoor Outdoor Process Pressure: \_\_\_\_\_ psig  
Material to be heated: \_\_\_\_\_  
Fluid Properties: Density or Specific Gravity: \_\_\_\_\_ at \_\_\_\_\_ °F Specific Heat: \_\_\_\_\_ at \_\_\_\_\_ °F  
Thermal Conductivity: \_\_\_\_\_ at \_\_\_\_\_ °F Viscosity: \_\_\_\_\_ at \_\_\_\_\_ °F  
Maximum Fluid Film Temperature: \_\_\_\_\_ °F  
Describe how the heater is to be used: \_\_\_\_\_  
Describe the process loop: \_\_\_\_\_

## HEATER DESIGN

Required KW rating or heat duty (if known): \_\_\_\_\_  
Available power: \_\_\_\_\_ volts: \_\_\_\_\_ phase: \_\_\_\_\_ Maximum watt density: \_\_\_\_\_  
Maximum insertion length: \_\_\_\_\_ Cold section: \_\_\_\_\_  
Heater Environment (NEMA Type): 1 , 4 , 4X , 7 Non-hazardous Area or Hazardous Area  
If Hazardous Area: Class: \_\_\_\_\_, Division: \_\_\_\_\_, Groups: \_\_\_\_\_, Ignition Temperature Code: \_\_\_\_\_  
Special Items Heater Design: \_\_\_\_\_

## CONTROLS

Type: ON/OFF / Multi Stage, Number of Stages: \_\_\_\_\_ / Solid-state SCR (modulated)  
Control Panel Location: Local to heater / Remote control panel Ambient temperature range for control panel: \_\_\_\_\_ °F to \_\_\_\_\_ °F  
NEMA Type Enclosure: 12 , 4 , 4X , 7 (cast aluminum)  
Special Control Items: \_\_\_\_\_