



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: \_\_\_\_\_ Flow Rate: \_\_\_\_\_  
 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: \_\_\_\_\_