



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@heatrex.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: _____