

425 Hanley Industrial Court
St. Louis, MO 63144
Ph: 314-644-4300 – Fax: 314-644-5332
www.indeeco.com

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

APPLICATION

Top: Open Closed Capacity: _____ gal. Tank Material: _____ Horizontal or Vertical
Insulation thickness: _____ in., Insulation Type: _____ "R" value _____
Maintaining temp: _____ °F Min./Max. Ambient Temps (°F) _____ / _____ Indoor Outdoor
Initial heat-up time required: _____ hours Maximum temp. rise during heat up: _____ °F
Material to be heated: _____ Heat Sensitive Yes / No
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 into tank: _____ Cold section outside of tank: _____
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 Mounting Options: On heater (prewired) / Remote control panel
NEMA Type Enclosure: 12 , 4 , 4X , 7 (cast aluminum)
Special Control Items: _____