



THERMAL PRODUCTS INC.
 Engineered Solutions To Industrial Applications

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

STORAGE TANK HEATERS

Download the form and fill out all known information.
 Once complete, email to sales@indeeco.com

APPLICATION

Tank Dimensions: _____ Capacity: _____ gal., Tank Material: _____ Horizontal or Vertical

Insulation thickness: _____ in., Insulation type: _____ R Value: _____

Maintaining temp.: _____ °F Min. /max. ambient temperatures: _____ °F, Indoor or Outdoor

Initial heat-up time required: _____ hours Maximum temp. rise during heat up: _____ °F

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: _____

Available power: _____ volts, _____ phase, _____ Maximum watt density, _____

Maximum insertion length into tank: _____ Cold section: _____

Tank heater pipe material: _____ (Carbon steel is standard)

Heater Environment (NEMA Type): 1 , 4 , 4X , 7 Non-hazardous Area or Hazardous Area

Special Items: _____

CONTROLS

Type: ON / OFF Multi Stage Number of Stages _____ / Solid-state SCR (modulated)

NEMA Type enclosure (if remote): 12 , 4 , 4X , 7 (cast aluminum)

Controls mounted: On heating unit (prewired) Remote control panel

Special Control Items: _____