



Immersion Coil Sizing

DATE: ___/___/___ SALESPERSON: _____
CUSTOMER: _____ CUSTOMER NO.: _____
TECHNICAL CONTACT: _____ PHONE: _____ FAX: _____
EMAIL: _____
DESCRIPTION OF APPLICATION: _____

(PLEASE NOTE ALL ITEMS IN **BOLD ITALIC** PRINT MUST BE COMPLETED TO PROVIDE A QUOTATION)

APPLICATION: HEATING COOLING

TANK OR STATION #: _____

PROCESS CHEMISTRY*: _____ @ _____ %

- SPECIFIC GRAVITY: _____
- SPECIFIC HEAT: _____
- FLASH POINT: _____

HEATING/COOLING MEDIUM: _____

- **STEAM AT:** _____ PSI
- **WATER:** _____ °F/°C @ _____ PSI
- **OTHER*:** _____ @ _____ %
 - SPECIFIC GRAVITY: _____
 - SPECIFIC HEAT: _____

* PROVIDE MSDS

AMBIENT TEMPERATURE: _____ °F/°C

PROCESS TEMPERATURE: _____ °F/°C

HEAT-UP/COOLING TIME REQUIRED: _____

FROM: _____ °F/°C to _____ °F/°C

(or) **HOLD TEMPERATURE @:** _____ °F/°C

RECTIFIER SETTINGS: _____ VOLTS _____ AMPS

LOAD: _____ lbs./kg per hour @ _____ °F/°C

SOLUTION MAKE-UP: _____ GPM/LPM @ _____ °F/°C

SPRAY FLOW RATE: _____ GPM/LPM @ _____ °F/°C

EXHAUST VENTILATION VELOCITY: _____ FPM

SOLUTION AGITATION: _____ AIR _____ MECHANICAL

TANK MATERIAL: _____ COVERED: YES/NO

SIDEWALL INSULATION: _____ in/cm

TANK DIMENSIONS (in/cm):

LENGTH: _____ **WIDTH:** _____ **DEPTH:** _____

(or) **CYLINDRICAL TANK DIMENSIONS:**

DIAMETER: _____ **DEPTH:** _____

SOLUTION DEPTH: _____ in/cm

TOTAL VOLUME: _____ gallons/liters

AVAILABLE SPACE FOR HEAT EXCHANGER (in/cm):

WIDE: _____ DEEP: _____ BOTTOM: _____

HEAT EXCHANGER CONFIGURATION:

- HORIZONTAL GRID U COIL
- VERTICAL GRID HELICAL
- SERPENTINE BOTTOM COIL

SHEATH MATERIAL:

- 316 STAINLESS FLUOROPOLYMER
- TITANIUM OTHER: _____

TEMPERATURE CONTROL:

- DIGITAL (DE/DQ/DSL/DLC)
- NON-INDICATING (NR)

LEVEL CONTROL:

- CAPACITIVE (ESP) CONDUCTIVE (LC)

SOLENOID VALVE: _____ YES _____ NO

STRAINER: _____ YES _____ NO

COMMENTS: _____