

WET-AREA HEATER DESIGN CHECKLIST

Project Name: _____

Submitted by: _____

CUSTOMER – Company Name: _____

Contact Name: _____

Phone Number: _____ Email or Fax: _____

Address: _____

APPLICATION:

Unit of measure: °C °F

Heat-up requirements: Starting temperature: _____ Ending temperature: _____ Heat-up time: _____ hrs

Ambient temperature: Minimum: _____ Maximum: _____

Object type: Vented¹ metal vessel Sealed² metal vessel Vented¹ poly vessel Sealed² poly vessel

Object material and thickness of wall: _____ Contents of object: _____

Environment: Indoor Outdoor Wind Speed: _____

Contents – Beginning state: Gas Liquid Solid Ending state Gas Liquid Solid

Maintenance temperature: _____ Maintenance temperature tolerance (+/-): _____

DIMENSIONS:

STEP file or drawing included – Required for cut-outs, holes, or multiple diameters: Yes No

If no – length x width OR length x external diameter of object being heated: _____

Unit of measure: mm in

HEATER REQUIREMENTS

Voltage: 120VAC 240VAC Other: _____ Wattage (if known): _____

Insulation thickness: 0.5 in (13 mm) 1.0 in (25 mm) Other: _____

Closure type: Hook & loop Hook & lace Straps & buckles Other: _____ Please recommend

Temperature control: Integrated adjustable digital controller (TC4X) Built-in fixed thermostat: 60/45 °F (15/7 °C)*

External controller – customer supplied External controller – please recommend

Other: _____

Built-in high-limit thermostat: 185 °F (85 °C) Other: _____ None Please recommend

Lead length: _____ mm in Plug type: NEMA 5-15 NEMA 6-15 Ferrule leads

Bare wire Other: _____

OTHER COMMENTS:

¹ Vessel has access/opening to atmosphere. Examples include open drums, IBCs, hoppers, and containers

² Vessel is sealed but has a pressure release device. Examples include valves, pipes, pumps, and sealed containers

* Open/Close thermostat setting