



# *Serge Baril & Ass. Inc.*

## DESIGN CHECK LIST HEAT TRACING – ON PIPE

THE FOLLOWING IS INTENDED TO LIST SOME OF THE ITEMS REQUIRED TO  
SELECT THE APPROPRIATE HEAT TRACING CABLE FOR YOUR APPLICATION.

**Application:** Freeze protection\_\_\_\_\_ Process temperature maintain\_\_\_\_\_

**Situation:** Above ground \_\_\_\_\_ Below\_\_\_\_\_ Indoors\_\_\_\_\_ Outdoors\_\_\_\_\_

**Temperature:** Maintain temp. \_\_\_\_\_ Low ambient temp. \_\_\_\_\_  
Normal operating temp. \_\_\_\_\_ Steam clean temp. \_\_\_\_\_

**Pipe:** Plastic \_\_\_\_\_ Metal \_\_\_\_\_ Diameter \_\_\_\_\_  
Length \_\_\_\_\_ Contents \_\_\_\_\_

**Insulation:** Thickness \_\_\_\_\_ Type \_\_\_\_\_

**Valves, Flanges, Supports:** Type, Size & Quantity of each \_\_\_\_\_  
\_\_\_\_\_

**Voltage:** 120 \_\_\_\_\_ 208 \_\_\_\_\_ 240 \_\_\_\_\_ 277 \_\_\_\_\_ 347 \_\_\_\_\_ 480 \_\_\_\_\_ 600 \_\_\_\_\_ Other \_\_\_\_\_

**Area Classification:** Ordinary \_\_\_\_\_ Hazardous Div 1 \_\_\_\_\_ Div 2 \_\_\_\_\_ Corrosive \_\_\_\_\_

**Thermostat:** Ambient \_\_\_\_\_ Bulb and Capillary \_\_\_\_\_

**Other Controls:** \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THE CANADIAN ELECTRICAL CODE REQUIRES THE USE OF A GROUND FAULT  
PROTECTION DEVICE AT ALL TIMES IN CONJUNCTION WITH THE  
INSTALLATION OF HEAT TRACING CABLES