CLASS 1 DIVISION 1 APPLICATION QUESTIONNAIRE

Design Criteria for BriskHeat Self-Regulating Heating Cables for Use In Class 1, Division 1 Group B, C and D Locations

Customer: _____ Date: _____

Plant/Location of Application: _____ Job #: _____

Customer's Representative: _____

Representative's Address: _____

APPLICATION INFORMATION:

Note: Lines 1, 2, 3, 7 and either 4, 5, or 6 must be completed.

Temperature Unit Of Measure: ☐ °C ☐ °F

1. Allowable Process Fluid Temperature: Minimum: _____ ° **2.** Maximum: _____ °

2. Ambient Temperature Range: _____ ° to _____ ° **4.** Process Fluid: _____

5. Process Fluid Auto Ignition Temperature: _____ °

6. Class 1 Division 1 Group: _____ Temperature Identification # (T): _____

7. Run Lengths: _____ _____ _____ _____ _____

8. Process Pipe Size: _____ Pipe Material: _____

9. Type of Insulation: _____ Thickness of Insulation: _____

10. If pipe is in a hazardous location, and fluid within pipe is non-explosive, please provide auto ignition of the environment that the pipe is in. _____

Customer/Representative Signature/Date: _____

PRODUCT/APPLICATION SPECIFICATIONS:

Temperature Identification #(T): _____ Max Temperature: _____ °

Heater Cable Part Number: _____

Power Connection Kit: _____ Termination Kit: _____

Heater Cable Rating: _____ W/Ft (_____ W/m) @ _____ VAC

Required Heater Output: _____ W/Ft (_____ W/m)

Required Voltage: _____ VAC

Max Circuit Length: _____ Ft. (_____ m)

Max Process Pipe Temp @ Low Ambient: _____ ° Max Process Pipe Temp @ High Ambient: _____ °

Line Sensing Thermostat: _____ Ambient Sensing Thermostat: _____

Based upon the "Application Information" supplied by the above-named, I believe the product/application information provided is in compliance with an CID1 FM approved system only when installed in accordance with the application specifications and any supplied drawings and installation recommendations.

Application Signature/Date: _____

BriskHeat Corporation