



## Design Criteria for Delta-Therm Cable Products for use in Class I Division I Groups B, C, & D: Flammable Gases and Vapors

Date: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Plant Location of Application \_\_\_\_\_

Job# \_\_\_\_\_

Customer's Rep \_\_\_\_\_  
(Who is filling out this form for the customer?)

Representative's Address:  
\_\_\_\_\_  
\_\_\_\_\_

Application Information \_\_\_\_\_

Project Name: \_\_\_\_\_

Project Location: \_\_\_\_\_

Project Phase: \_\_\_\_\_

Quote Due By: \_\_\_\_\_

7. Class I, Division I Group \_\_\_\_\_

Temperature ID Number \_\_\_\_\_

a. Other Fluid or Gas in the area which cause area to  
be listed as Class I Division I \_\_\_\_\_

8. Run Lengths: \_\_\_\_\_

9. Process Pipe Size \_\_\_\_\_

Temperature ID Number \_\_\_\_\_

10. Type of Insulation \_\_\_\_\_

Thickness Of Insulation \_\_\_\_\_

11. Voltages Available \_\_\_\_\_

12. Cable Type Preferred\*

- Mineral Insulated (MI)
- Self Regulating (SR)
- Constant Watt (CW)

**\* Process fluid may indicate selection of cable type**

Signature \_\_\_\_\_

Company \_\_\_\_\_

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

1. Minimum Allowable Process Fluid  
\_\_\_\_\_ °F \_\_\_\_\_ °C

2. Maximum Allowable Process Fluid  
\_\_\_\_\_ °F \_\_\_\_\_ °C

3. Ambient Temperature Range  
\_\_\_\_\_ °F ( \_\_\_\_\_ °C) to \_\_\_\_\_ °F ( \_\_\_\_\_ °C)

4. Process Fluid in the Pipe \_\_\_\_\_  
a. Other Fluids or Gas in the area which causes area  
to be listed as Class I Division I \_\_\_\_\_

5. Process Fluid Auto Ignition Temperature  
\_\_\_\_\_ °F \_\_\_\_\_ °C

6. Other Fluids or Gas in the area which cause area to  
be listed as Class I and Division I  
a. \_\_\_\_\_

Please download, fill out the form, and submit one of 3 ways:

- Print and Fax to (800) 526-7720
- Save as pdf and email to info@delta-therm.com
- Click the SUBMIT button on the form.

Please FAX or E-MAIL the DRAWING(S) for the project to  
info@delta-therm.com.