



## ● DESIGN CRITERIA FOR DELTA-THERM CABLE PRODUCTS FOR USE IN CLASS I, DIVISION I: GROUP B, C, AND D LOCATIONS FLAMMABLE GASES AND VAPORS

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

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

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

Fax: \_\_\_\_\_

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

Job No \_\_\_\_\_

Customer's Representative \_\_\_\_\_

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

\_\_\_\_\_

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

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

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

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

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

**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. \_\_\_\_\_

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 \_\_\_\_\_  
\_\_\_\_\_

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 \_\_\_\_\_

Please fax this form to: (847) 526-4456  
On-line form can be submitted on [www.delta-therm.com](http://www.delta-therm.com)

**PLEASE FAX OR E-MAIL [INFO@DELTA-THERM.COM](mailto:INFO@DELTA-THERM.COM) THE DRAWING(S) FOR THE PROJECT**