



APPROVAL FOR CLASS I, DIVISION 1 HAZARDOUS LOCATIONS IN USA FORM

The purpose of this form is to ensure that the heat-tracing system used in the Division 1 location is appropriate for that area classification. This form must accompany any order for CID1 materials.

This form must be completely filled out before the Division 1 heating cable and connection kits can be shipped to the customer.

1. Purchase order number

2. Name of purchaser filling out this form

3. Company

Address

Phone

4. How many connection kits will you require?

5. Name and location of company where the Division 1 heating cable and connection kits will be installed.

Company

Address

Contact person

Phone

6. What is the T-classification of the area? (If none, fill out questions 7 and 8.)

7. What substance in the area is influencing the decision to use Division 1 equipment?

8. What is the autoignition temperature (AIT), expressed in °C, of the substance?

The maximum sheath temperature shall not exceed AIT (expressed in °C).

Note: This section must be filled out if no T-rating is available. See Hazardous Gases and Vapors document (H56896) for AIT temperatures for selected flammable gases and vapors.

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9. Design data

Heating cable catalog number		Design safety factor	
Heating cable trace ratio		Maintain temperature	
Application: pipe, vessel		Normal operating temp.	
Size	Material Steel Plastic	Max. intermittent temp.	
Minimum ambient temp.		Insulation type	
Maximum ambient temp.		Thickness	Oversized Yes No
Installed	Indoors Outdoors	Voltage	

10. The user has been notified that ground-fault equipment protection devices are required for all Division 1 applications. All of the above information is believed to be correct.

Signature	<input type="text"/>	Date	<input type="text"/>
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For Pentair Industrial Heat Tracing Solutions use only. Attach this form to the Pentair purchase order.

Order number	<input type="text"/>		
Approved by	<input type="text"/>	Date	<input type="text"/>
	(Customer Service Center)		



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