

STAIR SNOW MELTING QUOTE REQUEST FORM

Date: _____
 Customer Name: _____
 Phone: _____
 Fax: _____

Project Name: _____
 Project Location: _____
 Project Phase: _____
 Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480
2. What type of stairs are you snow melting?
 - Concrete
 - Metal Pan
 - Other, Please Specify: _____
3. How many steps are there?
 What is the width of each step: _____
 What is the depth of each step: _____
 What is the riser height of each step: _____
4. What are the dimensions of any landings?
 - _____ Length x _____ Width
 - _____ Length x _____ Width
 - _____ Length x _____ Width
5. Are the stairs open to moving air below?
 - Yes
 - No
6. Will the stairs be insulated?
 - Perimeter Only
 - Below Only
 - Insulated Below And Insulated Around Perimeter
 - No Insulation

7. Would you like us to quote M.I. cable or Step Snow Melting Mats?
 - M.I. Dual Conductor Snow Melting Cable Assembly
 - Step Snow Melting Mats
 - Please Recommend
8. What is the distance to the nearest junction box or control? _____
9. What type of control would you like us to quote?
 - MPS
 - MPS, MP slab sensor
 - DTC120-S
 - DTC120-PS
 - Please Recommend
10. What type of panel do you need?
 - GFPE Power Relay Panel
 - Enclosed Contactor Panel
 - Custom Control/Monitor Panel
 - Please Recommend
 - Do Not Need A Panel

Comments: _____

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

**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
 A DRAWING OF THE STAIR(S)**

SLAB SNOW MELTING QUOTE REQUEST FORM

Date: _____
Customer Name: _____
Phone: _____
Fax: _____

Project Name: _____
Project Location: _____
Project Phase: _____
Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480
2. What type of slab are you snow melting?
 - Pedestrian Usage
 - Vehicular Usage
 - Handicap Ramp
 - Emergency
 - Tire Tracks
3. What type of material will you be embedding the cable or mat in?
 - Concrete
 - Asphalt
 - Concrete Beneath Pavers
 - Sand Bed Beneath Pavers
4. What are the dimensions for the area(s) to be melted?
_____ Length X _____ Width
_____ Length X _____ Width
_____ Length X _____ Width
5. Does the slab contain expansion joints?
 - Yes, Please Specify _____
 - No
6. Is the slab open to moving air below?
 - Yes
 - No

7. Will the slab be insulated?
 - Perimeter Only
 - Below Only
 - Insulated Below And Insulated Around Perimeter
 - No Insulation
8. Would you like us to quote M.I. cable or Snow Melting Mats?
 - M.I. Single Conductor Snow Melting Cable Assembly
 - Snow Melting Mats
 - Please Recommend
9. What is the distance to the nearest junction box or control?

10. What type of control would you like us to quote?
 - MPS With RG Sensor
 - MPS With MP Slab Sensor
 - DTC120-S
 - DTC120-PS
 - Please Recommend
11. What type of panel do you need?
 - GFPE Power Relay Panel
 - Enclosed Contactor Panel
 - Custom Control/Monitor Panel
 - Please Recommend
 - Do Not Need A Panel

Comments: _____

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE SLAB(S)**



FLOOR WARMING QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Type of Area to be Heated: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277

2. What is the sq. footage of the open area to be heated?

You cannot heat under built-in fixtures and cable cannot be installed in walls. The open area to be heated = total room area - built-in fixture areas.

3. Will the floor contain expansion joints?

- Yes
- No

4. Will the floor warming system be used for primary heat in addition to floor warming?

- Yes, Please Specify the Room Heat Loss: _____
- No

5. What type of embedding material will you be using?

- Thin Set
- Self-Leveling Compound
- Concrete
- Other, Please Specify: _____

6. How thick will the embedding layer be? _____

7. What type of floor covering will be installed over the floor warming system (R-Value needs to be below 2.5)?

- Tile, Marble, or Stone
- Laminate or Floating Hardwood
- Hardwood with Sleepers
- Vinyl
- Carpet and Padding
- Other, Please Specify: _____

8. Would you like us to quote 2FW cable, FW cable, M.I. cable or Radiance Mats?

- 2FW Cable
- FW Cable
- FE Radiance Mats
- M.I. Single Conductor Floor Warming Cable Assembly
- Please Recommend

9. What is the distance to the nearest junction box or control? _____

10. What type of control would you like us to quote?

- F15A (120/208/240 VAC thermostat)
- Other, 277VAC application

11. Will you need a panel?

- Low Noise Relay Panel
- Enclosed Contactor Panel
- Custom Control/Monitor Panel
- Please Recommend
- Do Not Need A Panel

Comments:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE ROOM(S) WITH BUILT-IN FIXTURES**



ROOF AND GUTTER DE-ICING QUOTE REQUEST FORM

SECTION 3 REQUEST FOR QUOTE FORMS

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?
 120
 208
 240
 277
 480
2. What part of the roof and gutter system do you plan to heat?
 Roof, Gutters, And Downspouts
 Roof & Gutters Only
 Roof Only
 Gutter Only
 Downspouts Only
3. How long is the roof eave? _____
4. What type of roof is this?
 Shingle
 Roof Pitch: _____
 Number of Valleys to be Heated: _____
 Standing Metal Seam
 Roof Pitch: _____
 Number of Valleys to be Heated: _____
 Distance Between Seams: _____
 Flat with Scupper
 Flat with Internal Drains
 Slate
 Other, Please Specify _____
5. How long are the gutters? _____
6. What materials are the gutters made of?

7. How long are the downspouts and how many are there?
Number of Downspouts: _____
Length of Downspouts: _____

8. How far does the eave overhang from the building wall? _____
9. Would you like us to quote M.I. cable or SR cable?
 M.I. Single Conductor Roof De-Icing Cable Assembly
 M.I. Dual Conductor Roof De-Icing Cable Assembly
 IN Series Self-Regulating Cable
 CO Series Self-Regulating Cable
 Please Recommend
10. If you will be installing SR cable on a shingle roof would you like us to quote Ice Melt Panels?
 Flat Ice Melt Panels (Valleys, Above Angled)
 Angled Ice Melt Panels (Roof Edge)
 Combination Of Flat And Angled
11. What is the distance to the nearest junction box or control? _____
12. What type of control would you like us to quote?
 MPS
 DTC120-G
 Please Recommend
13. What type of panel do you need?
 Power Control Panel With G.F.P.E.
 Enclosed Contactor Panel
 Custom Control/Monitor Panel
 Please Recommend
 Do Not Need A Panel

Comments:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE ROOF(S)**



HANGAR DOOR DE-ICING QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480

2. What are the lengths of the rails to be heated?

3. Is there a pocket for the doors?
 - Yes
 - No

4. Where are the drains located?

5. Are the doors opened in a fixed position?
 - Yes
 - No

6. Where is the electrical panel or junction box in reference to the door rails?

7. Is this new construction or retrofit?

Comments:

There are many configurations of how hanger doors open.

Please e-mail drawings (such as those below) that detail the door and rail layout to your customer service representative when requesting a quote.



Detail 1. Snow (Northern) Stack.



Detail 2. Southern Stack.



Detail 3. One-Way System.

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE HANGAR DOOR(S)**



PIPE TRACE - TEMPERATURE MAINTENANCE QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277
- 480

2. What type of location are the pipes located in?
Please check all that apply.

- Indoor
- Outdoor
- Non-Hazardous
- Hazardous

Please Specify: _____

3. What type of fluid is flowing through the pipe?

- Non-Hazardous
- Hazardous

Please Specify: _____

4. How many pipe lines are you tracing? _____
Please submit multiple sheets if necessary.

5. Pipe #: _____

5a. Pipe Length: _____

5b. Pipe Diameter: _____

5c. Type of Insulation: _____

5d. Thickness of Insulation: _____

5e. Maintain Temperature: _____

5f. Lowest Expected Ambient Temp.: _____

5g. Wind Speed (if applicable): _____

5h. Pipe Material:

- Metal
- PVC

Other, Please Specify: _____

6. Please list quantity and size of the following on the pipeline?

	Quantity	Size
6a. Screw Valves:	_____	_____
6b. Flange Valves:	_____	_____
6c. Butterfly Valves:	_____	_____
6d. Pipe Supports:	_____	_____
6e. Pipe Elbows:	_____	_____
6f. Pipe Flanges:	_____	_____

7. What is the distance to the nearest junction box or control?

8. What type of cable would you like us to quote?
Please check all that apply.

- M.I. Dual Conductor Pipe Tracing Cable Assembly
- SR Cable
- CW Cable
- Please Recommend

9. What type of control and/or panel do you need?
Please check all that apply.

- Thermostat
- Thermostat with Monitor Light
- TraceMate
- MasterTrace
- Power Control Panel With G.F.P.E.
- Enclosed Contactor Panel
- Custom Control/Monitor Panel
- Please Recommend

Comments:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE PIPE LAYOUT(S)**

TANK TRACE - TEMPERATURE MAINTENANCE QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480
2. What type of location are the tanks located in?
Please check all that apply.
 - Indoor
 - Outdoor
 - Non-Hazardous
 - Hazardous

Please Specify: _____
3. What type of fluid is contained in the tank?

 - Non-Hazardous
 - Hazardous

Please Specify: _____
4. Do you need heat tracing on the pipes leading to and from the tank?
 - Yes, Please Submit a Pipe Tracing RFQ
 - No
5. What is the tank shape?
 - Square
 - Cylindrical
6. Is there a top on the tank?
 - Flat
 - Dome
 - There is No Top
7. Is the bottom of the tank exposed?
 - Yes
 - No
8. What type of insulation will you install?

9. How thick will the insulation be? _____

10. Will the entire tank be insulated?
 - Yes
 - No

Please specify where the insulation will be installed: _____
11. What is the diameter of the tank? _____
- 11a. What is the height of the tank? _____
- 11b. How thick are the tank walls? _____
- 11c. What material is the tank made of? _____
- 11d. What is the weight of the tank? _____
- 11e. What is the fluid level height inside of the tank? _____
- 11f. What temperature do you need to maintain the tank fluid content at? _____
12. What is the lowest expected ambient temperature?

13. What type of cable would you like us to quote?
Please check all that apply.
 - M.I. Single Conductor Tank Tracing Cable Assembly
 - M.I. Dual Conductor Tank Tracing Cable Assembly
 - SR Cable
 - CW Cable
 - Please Recommend
14. What type of control and/or panel do you need?
Please check all that apply.
 - Thermostat
 - Thermostat with Monitor Light
 - TraceMate
 - Power Control Panel G.F.P.E.
 - Enclosed Contactor Panel
 - Custom Control/Monitor Panel
 - Please Recommend

Other Special Requirements:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE TANK(S)**

PERMAFROST PREVENTION QUOTES REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277

2. What are the dimensions of the area(s) you plan to heat?

_____ Length X _____ Width
_____ Length X _____ Width
_____ Length X _____ Width

3. Will the cable be in conduit or in direct contact?

- Conduit
- Direct Contact

4. What is your heat loss calculation?

5. What is the thickness and R-value of the insulation under the floor?

Thickness _____
R-Value _____

6. What is the operating temperature of the freezer and what will it store?

_____ Operating Temperature
_____ Items

7. Will the system control be inside the freezer?

- Yes
- No

Other Special Requirements:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE AREA(S) TO BE HEATED**



CUSTOM PANEL QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What type of panel is available?
 Control
 Monitor
 Remote Indicator
 Other, Please Specify: _____
2. What type of control will be used with the panel?

3. How many panels do you need? _____
4. What NEMA rating do you need the panel enclosure to be?

5. Is the panel flush or surface mounted?
 Flush
 Surface Mounted
6. How many circuits are required? _____
7. What is the heater supply voltage?
 120
 208
 240
 277
 480
8. What is the estimated load per circuit?

9. What is the type and length of each cable per circuit?

10. Is 30 mA G.F.P.E. required?
 Yes
 No
11. What type of monitoring do you need?
 Voltage
 Over Current or Ground Fault
 Low Current
 Low Temperature And High Temperature
 Other, Please Recommend
12. Are audible alarms required?
 Yes
 No
13. Are dry contacts required?
 Yes
 No

Other Special Requirements?

Circuit Information:

Circuit #	Type of Cable	Length of Cable on Circuit	Estimated Load on Circuit

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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. What is the minimum allowable process fluid?
_____ °F _____ °C
2. What is the maximum allowable process fluid?
_____ °F _____ °C
3. What is the ambient temperature range?
_____ °F (_____ °C) to _____ °F (_____ °C)
4. What is the 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. What is the process fluid auto ignition temperature?
_____ °F _____ °C
6. What are the other fluids or gas in the area which cause area to be listed as Class I and Division I?
a. _____
7. What is the Class I, Division I group? _____
What is the temperature ID number? _____
A. What are the other fluid or gas in the area which cause area to be listed as Class I Division I? _____

8. What are the run lengths? _____

9. What is the process pipe size? _____
What is the temperature ID number? _____
10. What type of insulation is being used? _____
What is the thickness of insulation? _____
11. What voltages are available? _____
12. What cable type is preferred? *
 Mineral Insulated (M.I.)
 Self-Regulating (SR)
 Constant Watt (CW)

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

Signature _____

Company _____

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

DESIGN CRITERIA FOR DELTA-THERM CABLE PRODUCTS FOR USE IN CLASS II, DIVISION I: GROUP E - ELECTRICALLY CONDUCTIVE COMBUSTIBLE DUSTS AND GROUP F AND G - COMBUSTIBLE DUSTS

Date: _____ Project Name: _____
 Customer Name: _____ Project Location: _____
 Phone: _____ Project Phase: _____
 Fax: _____ Quote Due By: _____

Plant Location of Application: _____

Job No.: _____

Customer's Representative: _____

Representative's Address: _____

Application Information: _____

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

1. What is the minimum allowable process temperature of item to be heated?
 _____ °F _____ °C
2. What is the maximum allowable process temperature of item to be heated?
 _____ °F _____ °C
3. What is the process pipe size or tank size material?

4. What is the run length or tank sizes? _____
5. What is the type of insulation? _____
 What is the thickness of insulation? _____
6. What are the voltages available?

7. Cable type preferred*
 - Mineral Insulated (M.I.)
 - Self-Regulating (SR)
 - Constant Watt (CW)

8. What is the ambient temperature range?
 _____ °F (_____ °C) to _____ °F (_____ °C)
9. What is the combustible dust?

10. What is the combustible dust ignition temperature?
 _____ °F _____ °C
11. What is the Class II, Division I, group? _____
 What is the temperature ID number? _____

*** Combustible Dust may indicate selection of cable type**

Signature _____

Company _____

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 THE DRAWING(S) FOR THE PROJECT**

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