



RAYCHEM

FROST HEAVE PREVENTION (FHP) INQUIRY FORM

CONTACT INFORMATION

Name *

Email *

Company *

Date

Phone

PROJECT PARAMETERS

Project name *

Average wind
velocity

Project location *

Climate (tropical/
arctic/etc.)

Minimum ambient
temperature *

Minimum soil *

Temperature (winter)

Maximum ambient
temperature

Average soil *

temperature

Code and Standard
(IEC/NEMA/NEC)

Units of measure *

Celsius

Fahrenheit

Tank location *

In berm

Outdoor

Other

Is tank? *

Existing

New

Is tank heating system? *

Existing

New

Conduit layout designed by *

nVent

Customer

RTD layout designed by *

nVent

Customer

Is an FEA required?

Yes

No

DESIGN PARAMETERS

Tank service *	Class
Minimum operating temperature *	Division
Normal product storage temperature *	Zone
Normal operating temperature *	Group
Foundation maintain temperature *	T-rating
Area Classification (hazardous/nonhazardous) *	

Redundancy required for heating cable? *	Yes	No
--	-----	----

Redundancy required for panel and transformer? *	Yes	No
--	-----	----

TANK SPECIFICATIONS

Foundation drawings, materials, insulation layers and properties included? *	Yes	No
--	-----	----

Units of measure *	Meters	Feet
--------------------	--------	------

Tank dimensions *	Foundation dimensions *
-------------------	-------------------------

Other tank specifications

POWER SUPPLY DATA

Power supply voltage *	Power frequency
------------------------	-----------------

Distance from source to panel location

Is control panel located in a non-hazardous area? *	Yes	No
---	-----	----

OTHER INFORMATION

* Items marked with an asterisk represent the minimum information needed to establish a budgetary proposal.

North America

Tel +1.800.545.6258
Fax +1.800.527.5703
info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511
Fax +32.16.213.603
info@nvent.com

Asia Pacific

Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.info@nvent.com

Latin America

Tel +1.713.868.4800
Fax +1.713.868.2333
info@nvent.com



nVent.com

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER