

# REQUIRED INSTALLATION RECORD FOR CLASS I, DIVISION 1 HAZARDOUS LOCATIONS IN USA

To complete the approval process, this complete form must be returned to the nVent Customer Service Center, fax number (800) 527-5703.

<b>Company Name</b>		<b>Purchase Order Number</b>		<b>Reference Drawing(s)</b>	
<b>Circuit ID No.</b>		<b>Test value/remarks</b>		<b>Date</b>	<b>Initials</b>
<b>Area</b>					
Autoignition temperature (AIT)					
Group classification					
<b>Heater circuit</b>					
Heater type					
Supply voltage					
Circuit length					
Maximum pipe temperature					
Heat temperature identification number (T-rating)					
<b>Components</b>					
Power connection					
End seal					
Tee connection					
Splice					
<b>Ground-fault equipment protection</b>					
Make and model					
Ground-fault equipment protection device trip level (mA)					
<b>Installation instructions</b>					
Correct connection kits per manufacturer's specification					
Seal fittings opened and inspected (properly poured)					
Ground-leakage device tested					

## Insulation resistance testing

Minimum voltage requirements per IEEE 515 is 500 Vdc. nVent recommends 2500 Vdc for self-regulating cables.

Instrument used

Calibration date

### As measured on the pipe before insulation is installed\*

Insulation resistance between core and braid (Test A)

Insulation resistance between braid and pipe (Test B)

### As measured after insulation is installed\*

Insulation resistance between core and braid (Test A)

Insulation resistance between braid and pipe (Test B)

\* Minimum insulation resistance per IEEE 515 is 20 M  $\Omega$ . nVent recommends 1000 M  $\Omega$  (for clean, dry self-regulating cables). Refer to the appropriate Installation and Maintenance manual for details.

## Circuit Ready to Commission

Prepared by

Company

Date

Approved by

Company

Date

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