



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 Pentair Industrial Heat Tracing Solutions Customer Service Center, fax number (800) 527-5703.

Company Name **Purchase Order Number** **Reference Drawing(s)**

Circuit ID No. **Test value/remarks** **Date** **Initials**

Area

Autoignition temperature (AIT)

Group classification

Heater circuit

Heater type

Supply voltage

Circuit length

Maximum pipe temperature

Heat temperature identification number (T-rating)

Components

Power connection

End seal

Tee connection

Splice

Ground-fault equipment protection

Make and model

Ground-fault equipment protection device trip level (mA)

Installation instructions

Correct connection kits per manufacturer's specification

Seal fittings opened and inspected (properly poured)

Ground-leakage device tested

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

Insulation resistance testing

Minimum voltage requirements per IEEE 515 is 500 Vdc. Pentair Industrial Heat Tracing Solutions 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 Ω . Pentair recommends 1000 M Ω (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



WWW.PENTAIRTHERMAL.COM

NORTH AMERICA

Tel: +1.800.545.6258
Fax: +1.800.527.5703
Tel: +1.650.216.1526
Fax: +1.650.474.7711
thermal.info@pentair.com

EUROPE, MIDDLE EAST, AFRICA

Tel: +32.16.213.511
Fax: +32.16.213.603
thermal.info@pentair.com

ASIA PACIFIC

Tel: +86.21.2412.1688
Fax: +86.21.5426.2937
cn.thermal.info@pentair.com

LATIN AMERICA

Tel: +1.713.868.4800
Fax: +1.713.868.2333
thermal.info@pentair.com

Pentair is owned by Pentair or its global affiliates. All other trademarks are the property of their respective owners. Pentair reserves the right to change specifications without prior notice.

© 2013-2016 Pentair.