CHROMALOX
Advanced Thermal Technologies

Declaration of Conformity
EU Directive 2014-34-EU (ATEX Directive)

We,

Chromalox Precision Heat and Control
1347 Heil Quaker Boulevard
LaVergne, TN 37086, USA

declare under sole responsibility that the following products,

SRL, SRM/E, UPC, UMC, UES, and RTES heating cable and connection kits manufactured at the above premises are in conformance with:

Council Directive 2014/34/EU, on the harmonization of the laws of the Member States relating to Explosive Atmospheres (ATEX)

Having been assessed and determined to be compliant with

EN 60079-0:2012+A11:2013, Explosive atmospheres. Equipment. General requirements
EN 60079-7:2015, Explosive atmospheres. Equipment protection by type of protection "e"
EN 60079-30-1:2017, Explosive atmospheres. Electrical resistance trace heating - General and testing requirements
IEC 60079-0:2017, Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-7:2015/A1:2018, Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 60079-30-1:2007, Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements

Notified Body -

ITS08ATEX36059X

Intertek
Intertek House, Cleeve Road
Leatherhead, Surrey, KT22 7SB

The products are certified for use under the following conditions

II 2 G Ex eb IIC T* Gb IP 66
*SRM/E systems is rated at T3 for ambient of -60°C to +195°C.
*SRL is rated at T5 for an ambient of -60°C to +95°C.

Specific Conditions of Safe Use:

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1. When installed in a TT or TN type system, a residual current device (RCD) with a rated residual operating current not exceeding 300 mA shall be used. Preference should be given to RCDs with a rated residual operating current of 30 mA. The device shall have a maximum break time not exceeding 5 s at the rated residual operating current and not exceeding 0,15 s at five times the rated residual operating current.

2. When installed in an IT system, an insulation monitoring device shall be used to disconnect the supply whenever the insulation resistance is not greater than 50 Ω per volt of rated voltage.

3. Electrical entry to be provided by suitably Component Certified IECEx Conduit Hub or Component Certified IECEx Grounding Conduit Hub.

The Technical Construction File is maintained at above address.

I declare that the above equipment, when correctly installed, maintained and used, by suitably trained persons, according to the instruction manuals provided, and all applicable regulations in the country where it is installed, complies with the essential requirements of the above Directives.

Chris Myers



Title: Director – Heat Trace

Date: 20 January 2020

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