

CNEX

国家防爆

Electrical Apparatus for Explosive Atmospheres**CERTIFICATE OF CONFORMITY**

Cert. No.: CNEx19.1555U

Manufacturer	Heat Trace Limited Mere's Edge, Chester Road, Helsby, Frodsham WA6 0DJ, UK
Name of Product	Freezstop Regular (FSR) Self Regulating Heating Cables
Type of Product	FSR Series 230VAC
Marking	Ex e IIC T6 Gb/Ex tD A21 IP67 T85°C Ex e IIC T4 Gb/Ex tD A21 IP67 T135°C
Standard	
Drawing No.	HC2750/0

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB 3836.1-2010	Explosive atmospheres - Part 1: Equipment - General requirements.
GB 3836.3-2010	Explosive atmospheres - Part 3: Equipment protection by increased safety "e".
GB12476.1-2013	Electrical apparatus for use in the presence of combustible dust - Part1: General requirements.
GB12476.5-2013	Electrical apparatus for use in the presence of combustible dust - Part5: Protection by enclosures "tD".
GB/T19518.1-2017	Explosive atmospheres—Electrical resistance traces heating—Part 1: General and testing requirements.

Note

1. This certificate shall stand for the following products:

10FSR 10W/m, 17FSR 17W/m, 25FSR 25W/m, 31FSR 31W/m

Marking: Ex e IIC T6 Gb/Ex tD A21 IP67 T85°C (Applicable for products rated up to 40 W/m and for nominally rated 230 V products up to 31 W/m powered up to a maximum 277 V)

40FSR 40W/m

Marking: Ex e IIC T4 Gb/Ex tD A21 IP67 T135°C (Applicable for products rated above 40 W/m and for nominally rated 230 V products above 31 W/m powered up to a maximum 277 V)

2. According to the manufacturer's installation instructions, this product need to use the cable entry device of suitable certification and the junction box connected to the power supply end. The end termination can be processed using any suitable certified terminal seal, so that the conductive core can be fully insulated and sealed.

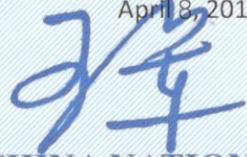
3. This product has been certified, under certificate number Sira 02ATEX3070 Issue: 10.

Valid Date

From April 8, 2019 to April 7, 2024

Issue Date

April 8, 2019

Director



**CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS**

Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China

Tel: 0377-63258564 Fax: 0377-63208175 Http://www.china-ex.com

Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).