



# Certificate of Compliance

**Certificate:** 2650501

**Master Contract:** 257086

**Project:** 2660501

**Date Issued:** February 23, 2015

**Issued to:** Wuhu Jiahong New Material Co. Ltd.  
Electrical Apparatus Components Industrial Park,  
WuHu City, Anhui Province  
CHINA, 241000

**Attention:** Steven Xu

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:**

Doug Hawkes

## PRODUCTS

**Class 2872 01 – Heaters - Cable and Cable Sets**

**Class 2872 81 – Heaters - Cable and Cable Sets – Certified to US Standards**

**Class 2878 01 – Heaters - Cable and Cable Sets – For Hazardous Locations**

**Class 2878 81 – Heaters - Cable and Cable Sets – For Hazardous Locations - Certified to US Standards**

### Part A: Ordinary Locations

Bulk Self regulating Heating Cable, Series HTR, pipe and vessel tracing, usages G (without overall jacket) and W and S (with overall jacket) in Canada, Installation Type A\* in the U.S.A., two conductor construction, with TPE insulation, tinned copper braid shield, and optional EPR or ETFE overall jacket, rated at 65C, at 120V ac and 240V ac, 3W/ft, 5W/ft, 8W/ft, 10W/ft, and 12W/ft, -40C minimum installation temperature.

Self regulating Heating Cable Sets comprised of the HTR self-regulating heating cable, maximum circuit size – 15Amps, for use with the following kits:

High Profile Kits: JB9001 / PTBS-GET (Power Termination Box)  
JB9002 / PTBO-GET (Power Termination Box)



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Low Profile Kits: JHS-GET (In-line Splice)  
JHT-GET (Tee Splice)  
JHE-GET (End Seal)

Heat Shrinkable Kits: JSR 00 (Power connection)  
JSR 01 (Power connection with End seal)  
JSR 08 (GFCI power connection)  
JSR10 (Splice/tee connection)  
JSR17 (Splice connection)  
JSR18 (Tee connection)  
JSR12 (End seal)

Notes:

1. Bulk heating cable listed above is only for sale to OEM's where the combination of terminations to make a heating cable set are to be investigated by CSA and CSA Certified by the OEM making the completed heating cable set.
2. Installation in accordance with the Canadian Electrical Code Part I in Canada or the National Electrical Code (NEC).
3. The catalogue numbers may include suffixes to denote construction options.
4. \* Heating Cable Sets, comprised of 3HTR or 5HTR, or 8HTR heating cable and integral connections, are covered for the following applications/installations: Snow Melting Equipment (Installation Type C), Roof and Gutter De-Icing (Installation Type B); when used with kits: JSR 00 (Power connection), JSR 01(Power connection with End seal), JSR 08 (GFCI power connection), JSR10 (Splice/tee connection), JSR17 (Splice connection), JSR18 (Tee connection), JSR12 (End seal), JSR13/14 (Roof clip), JSR15 (Hanger Bracket).

Part B: Hazardous Locations

**Class I, Div. 2, Groups A, B, C, D; Class II, Div. 2, Groups E, F, G; Class III; T-coded (T5 or T6)**

Self regulating Heating Cable Sets, Series HTR, pipe and vessel tracing, usages W and S, two conductor construction, with TPE insulation, tinned copper braid shield, and optional EPR or ETFE overall jacket, rated at 65C, at 120V ac and 240V ac, 3W/ft, 5W/ft, 8W/ft, 10W/ft, and 12W/ft, -40C minimum installation temperature, 15Amp maximum circuit size, for use with the following heating cable kits:

High Profile Kits: JB9001 / PTBS-GET (Power Termination Box)  
JB9002 / PTBO-GET (Power Termination Box)  
Low Profile Kits: JHS-GET (In-line Splice)  
JHT-GET (Tee Splice)  
JHE-GET (End Seal)

Notes:

1. Installation in accordance with the Canadian Electrical Code Part I in Canada or the National Electrical Code (NEC).
2. The catalogue numbers may include suffixes to denote construction options.
3. \* T5 for heating cable power output 12W/ft; T6 for heating cable power outputs 3, 5, 8, and 10W/ft.



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**APPLICABLE REQUIREMENTS**

- CSA C22.2 No. 130-03 - Requirements for Electrical Resistance Heating Cables and Heating Device Sets
- ANSI/IEEE Std. 515-2011 - IEEE Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Industrial Applications
- ANSI/IEEE Std. 515.1-2012 - IEEE Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Commercial Applications



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2650501	February 23, 2015	Self Regulating Heating Cable/Sets; Original Certification.