Certificate of Compliance

Certificate: 2927356 **Master Contract:** 267348

Project: 2927356 **Date Issued:** June 6, 2016

Issued to: **Warmth Technology, Inc.**
5265 Steeles Ave. West
North York, ON M9L 2W2
Canada

Attention: Ali Malekpour

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only

C US

Issued by: *Lina Bartolotta*

PRODUCTS

CLASS 2872 01 - HEATERS Cable and Cable Sets
CLASS 2872 81 - HEATERS Cable and Cable Sets – Certified to US Standards

Series Heating Cable Sets, catalogue designation TCHCS2V and TCXMAT2V (Mat and Non-Mat Constructions), embedded floor warming and snow melting usages G and W in Canada, and Installation Type C in the U.S.A., two conductor construction, with FEP insulation, ALU/PET foil sheath with drain wire, and PVC overall jacket, rated at 105C, up to 600V ac, 9W/ft to 12W/ft, 30Amp maximum circuit size, 5C minimum installation temperature.

Cord Connected Series Heating Cable Sets, catalogue designation TCPH1V, pipe and vessel tracing, usages G, W, and S in Canada, and Installation Type A in the U.S.A, two conductor construction, with XLPE insulation, ALU/PET foil sheath with drain wire and tinned copper braid, and PVC overall jacket, rated at 80C, rated at 120V ac and 240V ac, 7W/ft maximum, 10Amp maximum circuit size, -10C minimum installation temperature; with built in thermostat.

Cord Connected Series Heating Cable Sets, catalogue designation TCRD1V, roof and gutter de-icing, usages G, W, and S in Canada, and Installation Type B in the U.S.A, two conductor construction, with XLPE insulation, ALU/PET foil sheath with drain wire and tinned copper braid, and PVC overall jacket, rated at 80C, rated at 120V ac and 240V ac, 5W/ft maximum, 10Amp maximum circuit size, 0C minimum installation temperature.

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Series Heating Cable Sets, catalogue designation TC1V and TC2V (Non-Mat construction); TCMAT1V and TCMAT2V (Mat construction), embedded floor warming, usages G and W in Canada, and embedded floor warming – space heating in the U.S.A., two conductor construction, with FEP insulation, tinned copper braid, and PVDF or PVC overall jacket, rated at 105C, at 120V ac and 240V ac, 3W/ft (TC1V, TC2V and TCMAT1V, TCMAT2V) and 3.7W/ft (TC1V, TC2V only), 15Amp maximum circuit size, 5C minimum installation temperature.

Notes:

1. Installation in accordance with the Canadian Electrical Code Part I in Canada or the National Electrical Code (NEC) in the U.S.A.

2. The catalogue numbers may include suffixes to denote construction options.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 130-03	-	Requirements for Electrical Resistance Heating Cables and Heating Device Sets (Types TCHCS2V, TCXMAT2V, TCPH1V, TCRD1V, TC1V, TC2V, TCMAT1V, TCMAT2V)
ANSI/IEEE Std. 515.1-2012	-	IEEE Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Commercial Applications (Types TCHCS2V, TCXMAT2V, TCPH1V, TCRD1V)
UL 515 Ed.1st	-	Electrical Resistance Heat Tracing for Commercial and Industrial Applications
UL 1673 Ed. 3rd	-	Electric Space Heating Cables (Types TC1V, TC2V, TCMAT1V, TCMAT2V)
UL Subject 1588 issue 4	-	Outline of Investigation for Roof and Gutter De-icing Cable Units (Type TCRD1V)
UL Subject 2049 issue 4	-	Outline of Investigation for Residential Pipe Heating Cable (Type TCPH1V)

MARKINGS

The CSA Mark, the company's identification or alternate file number 267348 or tradename/trademark, type designation, model designation, complete electrical rating and cCSAus Monogram appear ink-printed, permanent or moulded on/in the body of each device and any "Cautions" or other information as specified in the Certification Report.

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.