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**E C E I V E**

**AUTHORIZATION TO MARK**

This authorizes the application of the Certification Marks shown below to the models described in the Products(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to the multiple listee model(s) identified on the correlation page of the Listing Report.

**Applicant:** Heatizon  
4137 South 500 West  
Murray, UT 84123 USA

**Contact:** Name: **Steve Bench**

Phone: **801.293.1232**

**Manufacturer:** Same as Applicant

**Party Authorized To Apply Mark:** Same as Manufacturer

**Report Issuing Office:** Beaverton, Oregon

**Report No.:** 3071529-1

**Product Covered:** Radiant Snow and Ice Melting Systems, Models Cable Heater E101 (Tuff-Cable) and Screen Heater E102 (Z-Mesh).

**Description:** The snow and ice melting elements are low voltage (30 VAC or less), supplied from a mains-powered transformer. Each system is intended to be installed on a plywood sub-roof, which may or may not have an ice and water shield product installed on it. The heating system is then covered with a layer of ice/water shield, over which the roofing is installed.

The systems consist of a mains powered low-voltage supply, cold leads, and heating element. Model E101 systems additionally employ a heatsink kit. For additional information and proper parts list, see installation manual in the illustration instruction of this report.

**Standard(s):** Outline of Investigation for Roof and Gutter De-Icing Cable Units (UL 1588, Issue 4, 05/24/2002)  
IEEE Recommended Practice for Electrical Impedance, Induction, and Skin Effect Heating of Pipelines and Vessels (IEEE 844-2000)

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**Authorized by:** Michelle Drake for **Date:** Feb. 1, 2006  
**William T. Starr, Certification Manager**

**Control Number:** 9700682

This document supersedes all previous Authorizations to Mark for the noted Report number.

Intertek Testing Services NA Inc.  
165 Main Street, Cortland, NY 13045  
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699

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