



Certificate of Compliance

Certificate: 70057387

Master Contract: 167534

Project: 70057387

Date Issued: 2017-01-12

Issued to: MSA - The Safety Company
1000 Cranberry Woods Dr
Cranberry Township, Pennsylvania 16066-5296
USA
Attention: Craig Gestler

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



Issued by: *Peter Wong*
Peter Wong

PRODUCTS

CLASS - C872106 - LABORATORY EQUIPMENT-Electrical

CLASS - C872186 - ELECTRICAL EQUIPMENT FOR LABORATORY USE-Certified to US Standards

Refrigerant Monitor, Model Chillgard VRF, rated 24Vac, 50/60Hz, 5W or 24Vdc, 5W.

Notes:

1. The above model is cord/permanently connected, Equipment Class III, Pollution Degree 2, Installation Category II.
2. Mode of operation: Continuous.
3. Environmental Conditions: Extended: 0 to 60°C, 2000 m max, 80% to temperatures up to 31 °C decreasing linearly to 50% rH at 40 °C.



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APPLICABLE REQUIREMENTS

CSA Standards:

CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Standards:

UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

CONDITIONS OF ACCEPTABILITY

- (1) Equipment is only to be installed by manufacturer trained personnel.
- (2) Equipment is not to be used with flammable liquids.
- (3) Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted as part of this evaluation. Functional safety and performance is not within the scope of IEC / C22.2 No / UL 61010-1.
- (4) The unit must always be powered by either a suitable IEC / C22.2 No / UL 60950-1 Certified power supply which is isolated from line voltage by double insulation, or an appropriately rated UL Listed / CSA Certified Class 2 transformer. Failure to follow the above can result in serious personal injury or loss of life.



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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

Project	Date	Description
70057387	2017-01-12	Original evaluation of Chillgard VRF to for North American certification and to issue a CB Certificate to IEC 61010 3rd edition.