



Certificate of Compliance

Certificate: 70102917 **Master Contract:** 167534
Project: 80210555 **Date Issued:** 2024-09-20
Issued to: MSA - The Safety Company
1000 Cranberry Woods Dr
Cranberry Township, Pennsylvania 16066-5296
United States
Attention: Frederick Bock

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.



Issued by: Arthur Lu
Arthur Lu

PRODUCTS

Class 2252 06 PROCESS CONTROL EQUIPMENT - Process Control Equipment

Class 2252 86 PROCESS CONTROL EQUIPMENT - Certified to US Standards

Refrigerant leakage detector and optional remote display

Model(s)	Rated Voltage (VAC)	Frequency (Hz)	Rated Power	Relay Contact Rating
Chilgard 5000, Chemgard 5000	100 - 240	50/60	200VA max.	250Vac / 24Vdc, 8Arms

Remote display

Model(s)	Input Voltage (V ac/dc)	Frequency (Hz)	Rated Power (W)
Chilgard 5000, Chemgard 5000	24	50/60	10

Photoacoustic infrared gas monitor



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Model(s)	Rated Voltage (VAC)	Frequency (Hz)	Rated Current (A)	Relay Contact Rating
Chemgard A-3800, Chilgard A-RT	120/240	50/60	0.5	250Vac / 24Vdc, 8A

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements

UL 61010-1 3rd ed (Rev. Nov 21, 2018) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements - Third Edition; Including Revisions through November 21, 2018

Conditions Of Acceptability

- (1) The user-replaceable mains (line) fuse must be an approved type acceptable to the authorities where the equipment is sold.
- (2) If at any time there is a conflict between the system safety provisions and any relevant local (national or regional) requirements, the local requirements always take precedence
- (3) Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted.



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Notes:

Products certified under Class(es) C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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
80210555	2024-09-20	CSA Report 70102917 update to include alternate IR sensor chopper motor and Pump motor. Addition of new model "Chengard 5000"
80124267	2022-12-06	Update to Certification report 70102917 to add 2 alternate power supplies models, GPC80A and GPC80B, for the models A-3800. Add new Photoacoustic infrared gas monitor Model A-RT which is identical to the model A-3800.
80066435	2021-02-24	Update report 70102917 to cover the addition of a new model Chengard A- 3800.
80033106	2020-05-04	Evaluation to update certificate 70102917 with a new remote display unit for the Chillgard 5000.
70195025	2018-09-24	GCA-1482 : Evaluation to update 70102917 to include updated manual, no changes to product.
70102917	2017-07-27	Certification of Refrigerant Monitor, model Chillgard 5000 for cCSAus mark and evaluation for the CB scheme to standards 61010-1. Electrical ratings 90-264Vac, 30W, 50-60Hz, 1-phase. Notes: 1) The quote doesn't include functional safety evaluation 2) All required samples and documentation to be received by December 1, 2016