



Certificate of Compliance

Certificate: 2658609

Master Contract: 235756 (235756)

Project: 70189086

Date Issued: 2018-08-13

Issued to: A+ Corporation
41041 Black Bayou Rd
Gonzales, Louisiana 70737
USA

Attention: Steven Calverley

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: *Alejandra Gonzalez*
Alejandra Gonzalez

PRODUCTS

CLASS - C287802 - HEATERS-Miscellaneous - For Hazardous Locations

CLASS - C287882 - HEATERS-Miscellaneous-For Hazardous Locations-Certified to U.S. Standards

Class 1 Division 1 Groups B, C & D; Temp code T3

Models GHR Genie Heated Regulator, JTR-H Genie Joule-Thomson Regulator Heated - 110/220VAC 80W or 24VDC 25W Ambient Temp -50 to +150°C. Temperature Code T3

JTR-H Model Numbers

JTR-H- *a* *b cd*
_ SS P_4 _

- a- Sealing material – 0 : Fluro Elastometer; JW:James walker Elasto-lion 101 (Other sealing material per request)
- b- Outlet Pressure range 0 :0-25; 1 :0-50; 2 :0-100; 3 :0-250; 4-0-500; 9-0-10;
- c- Supply voltage 1-110-265V, 80W; 2-24VDC, 25W
- d- Electrical approval cCSAus



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Class 1 Division 1 Groups B, C & D; Temp code T3

Model GV-30SS Genie Vaporizer, 110Vac/240Vac 1500W; Max. working pressure 3000PSI; Ambient -18 °C to +65 °C

901 Genie Heater Base, Model 901-XX; 110Vac/240Vac 700W; Ambient -18 °C to +63 °C

Where XX is,

- 00- Plain Base
- GR- GR pressure regulator
- JTR- JTR pressure regulator

APPLICABLE REQUIREMENTS

CSA C22.2 No.30 M1986 (R2012)	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No. 88 M58 (R2013)	Construction and Test of Industrial Heating Equipment
UL 823 (Ninth Edition)	Electric Heaters for Use in Hazardous (Classified) Locations
UL 1203 (Fifth Edition)	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations



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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings are provided in a permanent fashion, and are either etched, hot stamped, silkscreened, molded, or embossed on a stainless steel or anodized aluminum nameplate secured with non-removable fasteners, or engraved / etched directly on the housing

- (1) Submitters name, trademark, or the CSA Master Contract
- (2) Catalogue / Model Designation
- (3) Complete electrical rating (watts, hertz, and volts).
- (4) Date code / serial number traceable to month and year of manufacture.
- (5) Hazardous Location Designations
- (6) Temperature Code i.e. T3
- (7) Ambient temperature range
- (8) The CSA / CUS Mark
- (9) The following warning near the input entry field connection:

“WARNING: A SEAL SHALL BE INSTALLED WITHIN 18” OF THE ENCLOSURE”

and

UN SCÉLLEMENT DOIT ÊTRE INSTALLÉ MOINS DE 18” DU BOITIER”

or equivalent

Note: *Some jurisdictions in Canada require Cautions and Warnings to also be in French. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the local regulatory authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*



Supplement to Certificate of Compliance

Certificate: 2658609

Master Contract: 235756 (235756)

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
70189086	2018-08-13	Update report 2658610 for minor revision to report and drawing.
2741050	2015-09-24	Update to report 2658610 to add Model GV and Model 901-XX.
2673946	2014-02-19	(DAL117) Continuation of Project 2658609 for evaluation to North American certification (c CSA us) of GV, GHR & JTR-H to Class 1 Division 1, Grps BCD locations. This include testing.
2658609	2013-09-24	Prototype Certification of GHR & JTR-H for installation in Class 1 Division 1 Hazardous locations.