



Field Certification Certificate of Compliance

Certificate: 80017917

Master Contract: N/A

Project: 80017917

Date Issued: September 24, 2019

Issued to: Galvanic Applied Sciences Inc.
7000 Fisher Road SE
Calgary, AB, T2H 0W3
CANADA

Sales Order: N/A

Attention: Rex Peters

The products listed below are eligible to bear a CSA Field Certification Label, bearing the CSA Mark shown.



Issued by: Rick Parlby, R.E.T.

PRODUCTS

CLASS 3218 86: Industrial Control Equipment – Miscellaneous Apparatus – For Hazardous Locations – Certified to U.S. Standards

CSA Field Certification Label issued: FU 212901

Class I, Division 2, Groups C and D, T3, Z-Purge

Air Demand Analyzer, Model: 943-TGX, Rated 100 - 240 V, 50/60 Hz, 800 W



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APPLICABLE REQUIREMENTS

The specific products described in this report were evaluated against:

- | | | |
|-----------------------------------|---|--|
| UL 508 – 18 th Edition | - | Industrial Control Equipment. |
| UL 121201-1, 9th Edition | - | Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations. |
| NFPA 70 - 2017 | - | National Electrical Code |
| NFPA 496 - 17 | - | Purged and pressurized Enclosures for Electrical Equipment. |

MARKINGS

- (1) Manufacturer's name
- (2) Model Designation
- (3) Complete electrical rating
- (4) Hazardous Location designations
- (5) Temperature Code
- (6) Warning and Caution markings as follows:

- **WARNING: AVERTISSEMENT:**

Substitution of components may impair suitability for Class I, Division 2.

La substitution de composants peut rendre ce matériel inacceptable pour les emplacements de Classe I, Division 2.

Do not connect or remove the keypad unless area is known to be non-hazardous.

Avant de connecter ou déconnecter le clavier, assurez-vous que la zone est non dangereuse.

Do not connect or remove a device from the front panel connector unless area is known to be non-hazardous.

Assurez-vous que la zone est non dangereuse avant de connecter ou déconnecter tout appareil depuis le connecteur ou du panel frontal.

The safety of this equipment relies on the provision of proper purging and pressurising when used in Hazardous locations. It must not be put into use without "SPECIAL PERMISSION" from the inspection authority having jurisdiction.

Pour une exploitation sécuritaire de cet appareillage dans un emplacement dangereux, il est essentiel qu'il soit équipé d'un dispositif d'évacuation et de pressurisation, ne pas mettre en service à moins d'autorisation spéciale des services d'inspection compétents.

Hot Surfaces: Internal surface temperatures may reach 216°C. Enclosure shall not be opened unless area is known to be non-hazardous, or all devices within the enclosure have been de-energised for a period of five (5) minutes.

Surfaces brûlantes : La température de la surface intérieure peut atteindre 216°C. Avant d'ouvrir le boîtier, assurez-vous que la zone est non dangereuse; ou attendez que tous les appareils à l'intérieur de l'enceinte soient restés hors tension pendant une période de cinq (5) minutes.



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- **WARNING: PRESSURIZED ENCLOSURE:** This Pressurized Enclosure shall not be opened even when all the devices within have been de-energized, unless the area is known to be free of flammable materials. Hazardous Locations, Class I, Division 2, Type Z Purge. Power must not be restored after enclosure has been opened until enclosure has been purged for 17 Minutes, at a flow rate of 1.4 Scfm.
ATTENTION ENCEINTE SOUS PRESSION: Ne pas ouvrir cette enceinte sous pression, même si tous ses dispositifs ont été désexcités, à moins d'être certain que la zone est exempte de matériaux inflammables. Emplacement dangereux, Classe 1, Division 2, Purge Type Z. Ne pas rétablir l'alimentation après l'ouverture de l'enceinte tant que l'enceinte n'aura pas été purgée pendant 17 Minutes Au débit de 1.4 Scfm.
 - **WARNING: EXPLOSION HAZARD –** Substitution of components may impair intrinsic safety.
AVERTISSEMENT: RISQUE D'EXPLOSION – La substitution de composants peut compromettre la sécurité intrinsèque
 - I/S terminal box is marked 'Containing Intrinsically Safe Circuits'.
Sealing fittings are marked 'Factory Sealed'.