



Certificate of Compliance

Certificate: 1719689 (LR 64969)

Master Contract: 167534

Project: 70008937

Date Issued: November 6, 2014

Issued to: Mine Safety Appliances Company
North American Division
1000 Cranberry Woods Dr
Cranberry Township, PA 16066-5296
USA
Attention: Semyon (Sam) Baum

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.



Zahra Amini

Issued by: Zahra Amini

PRODUCTS

CLASS 4828 02 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations

Ex ia IIC T4:

Class I, Div.1, Groups A, B, C and D; Class II, Div.1, Group G:

Toxic gas detector, Model Altair and Altair O2, portable, battery operated, intrinsically safe when used with one 3.6 V Lithium battery cell, Part No. XL-055F, manufactured by XENO, Part No. LST17330, manufactured by SAFT or Part No. ER17335, manufactured by EEMB. Tamb. -40 Deg. C to +50 Deg. C. Temperature Code T4.

Toxic gas detector, Model Altair Pro, Altair Pro O2 and Altair Pro-R O2, portable, battery operated, intrinsically safe when used with one 3.2 V Photo Lithium battery cell, Manufactured by Varta CR2 6206 or Varta (power one) CR2, CR15H270, 6206 or Panasonic CR-2PA/1B or Energizer CR2 EL1CR2BP. Tamb. -40 Deg. C to +50 Deg. C. Temperature Code T4.



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CLASS 4828 82 - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations.
Certified to U.S. Standards

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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91 - General Requirements – Canadian Electrical Code, Part II

CAN/CSA-E60079-0:02 - Electrical apparatus for explosives gas atmospheres Part 0: General Requirements.

CAN/CSA-E60079-11:02 - Electrical apparatus for explosives gas atmospheres Part 11: Intrinsic Safety “i”

UL 60079-0:02 - Electrical apparatus for explosives gas atmospheres Part 0: General Requirements.

UL 60079-11:02 - Electrical apparatus for explosives gas atmospheres Part 11: Intrinsic Safety “i”

CAN/CSA-C22.2 No.157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations

C22.2 No 25 – 1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations

UL 913 - July 31, 2006 - Intrinsically Safe Apparatus and Associated Apparatus For Use in Class I, II and III, Division 1, Hazardous (Classified) Locations.

UL 1203, Sept. 15, 2006- Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations-Fourth Edition