



Certificate of Compliance

Certificate: 2675834

Master Contract: 167534

Project: 2675834

Date Issued: February 18, 2014

Issued to: Mine Safety Appliances Company
North American Division
1000 Cranberry Woods Dr
Cranberry Township, PA 16066-5296
USA
Attention: Johnny Lee

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.



Glenn Black

Issued by: Glenn Black

PRODUCTS

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

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

Class I; Division 1; Group A, B, C, D;

Class II; Division 1; Group E, F and G; Class III

Model Altair 2X, Portable Toxic Gas Detector, Ambient -40 °C to +60 °C, Intrinsically safe when powered by Saft, LS17330 or EEMB, ER17335 3.6 V Lithium battery. Temperature Code T4.

Condition of Acceptability

- i. The Altair 2X shall only be fitted with either a Saft, LS17330 or an EEMB, ER17335 3.6 V Lithium battery.



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ii. The Lithium battery shall only be changed outside the hazardous area.

iii. No precautions against electrostatic discharge are necessary for portable equipment that has an enclosure made of plastic, metal or a combination of the two, except where a significant static generating mechanism has been identified. Activities such as placing the item in a pocket or on a belt, operating a keypad or cleaning with a damp cloth, do not present a significant electrostatic risk. However, where a static-generating mechanism is identified, such as repeated brushing against clothing, then suitable precautions shall be taken, e.g. the use of anti-static footwear.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-10 - General requirements — Canadian Electrical Code, Part II

CSA C22.2 No. 142-M1987 - Process Control Equipment (reaffirmed 2000)

CSA C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment (reaffirmed 1997)

UL 913 Ed. 7 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

UL 916:1998 - Energy Management Equipment