



Certificate of Compliance

Certificate: 1555308 (LR 64969)

Master Contract: 167534

Project: 2708740

Date Issued: April 10, 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.



Glenn Black

Issued by: Glenn Black

PRODUCTS

- CLASS 4828 01** - SIGNAL APPLIANCES - - Combustible Gas Detection Instruments-For Hazardous Locations
- CLASS 4828 81** - SIGNAL APPLIANCES-Combustible Gas Detection Instruments - For Hazardous Location-Certified to U.S. Standards

Class I, Groups A, B, C and D:

Model Sirius Multi-Gas Detector, portable, battery operated, intrinsically safe when used with one MSA Li-Ion Battery Pack Part No. 10050347 or Alkaline Battery Part No. 10049098 containing four Duracell Part No. MN1500 or Eveready Energizer Part No. E91 size "AA" Alkaline batteries. Tamb. -20 Deg. C to +50 Deg. C. Temperature Code is as follows: T4 when used with the Li-Ion Battery Pack or the Alkaline Battery Pack containing four Duracell cells MN1500. T3 when used with the Alkaline Battery Pack containing four Energizer E91 cells.

APPLICABLE REQUIREMENTS

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

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



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CSA Std C22.2 No.30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Std C22.2 No.152-M1984 - Combustible Gas Detection Instruments

UL Std No.913, July 31, 2006 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations

ANSI/ISA-12.13.01-2000 - Performance Requirements for Combustible Gas Detectors.

UL Std No. 1203, Sept. 15, 2006 - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

MARKINGS

Sirius:

- CSA monogram with C US indicator;
- Submittor identification;
- Model designation;
- Serial number, date code or month and year of manufacture;
- Electrical rating;
- Hazardous location designation;
- The symbol, Exia;
- Temperature code;
- Ambient temperature;
- Warning re substitution of components may impair intrinsic safety;
- Warning re understand manual before operation;
- The words "C22.2 No. 152"
- The words INTRINSICALLY SAFE;
- Warning re Do not change Alkaline or charge Li-ion batteries in hazardous area

Battery Pack:

- Submittor identification;



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