



Certificate of Compliance

Certificate: 2330521

Master Contract: 167534

Project: 2679727

Date Issued: January 30, 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', 'US' and



Glenn Black

Issued by: Glenn Black

PRODUCTS

CLASS 4828 32 - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations-Components

CLASS 4828 92 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - - For Hazardous Locations-Components-Certified to U.S. Standards

XCell eChem Sensors, plug in, open terminal, toxic gas sensors for use with an electrochemical gas detection cell as part an intrinsically safe gas detector.

- Notes: 1. The XCell eChem Sensors must be used in a protective instrument enclosure.
2. The electro-chemical gas detection cell is not included in this evaluation.

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

CAN/CSA 60079-0:07 - Electrical Apparatus for explosive gas Atmospheres - Part 0: General Requirements



Certificate: 2330521

Master Contract: 167534

Project: 2679727

Date Issued: January 30, 2014

CAN/CSA E60079-11:02 - Electrical Apparatus for explosive gas Atmospheres - Part 11: Intrinsic Safety "i".

UL 913 Edition 7 - Intrinsically Safe Apparatus for Class I, II and III, Division 1, Hazardous (Classified) Locations

UL 60079-0 Edition 5 - Explosive Atmospheres - Part 0: Equipment - General Requirements

UL 60079-11 Edition 5 - Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i"