



Certificate of Compliance

Certificate: 2679708

Master Contract: 259448

Project: 2679708

Date Issued: August 18, 2014

Issued to: MSA (China) Safety Equipment

Co., Ltd.
8 Rui En Lane
Xingpu Rd
Suzhou Industrial Park
Suzhou, Jiangsu 215126
China
Attention: Jerry Xia

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

Model Altair Pump Probe, portable, battery operated, Intrinsically safe when powered by a non-user replaceable, rechargeable, Sanyo UF103450PN, 3.7 V Li-ion battery. Temperature Code T4. Tamb. -20 Deg.



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C to +50 Deg. C. For use with the Altair 4X portable gas detector. Performance verified for combustible gas detection only when used with the Altair 4X portable gas detector. May also be used with other Altair portable gas detectors for the detection of toxic/oxygen gases only.

Condition of Acceptability

- i. The Altair Pump Probe shall only be fitted with a Sanyo UF103450PN, 3.7 V Li-ion battery.
- ii. The Li-ion battery shall only be changed outside the hazardous area.

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-M91 - General requirements — Canadian Electrical Code, Part II

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

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

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