



Certificate of Compliance

Certificate: 2295633

Master Contract: 248589

Project: 2693861

Date Issued: January 28, 2014

Issued to: Senscient Ltd

Unit A2 Arena Business Centre
Holy Rood Close
Poole, Dorset BH17 7FJ
United Kingdom
Attention: Steve Carpenter

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.



Jelena Dzeletovic

Issued by: Jelena Dzeletovic

PRODUCTS

CLASS 4818 84 - SIGNAL APPLIANCES - Systems - For Hazardous Locations - Certified to US Standards

CLASS 4818 04 - SIGNAL APPLIANCES - Systems - For Hazardous Locations

Class I, Div. 1, Groups B, C, D; Class II, Groups E F G, Class III; Temperature Code T5

Ex d IIB + H2; T5

Class I, Zone 1, AEx d IIB + H2; T5

Enhanced Laser Diode Spectroscopy Open Path Gas Detector Transmitter Tx, Part Nos. X-X0XX-4 (stainless) and X-X1XX-4 (aluminum), 14-32 Vdc, 12 W, Ta = -40 °C to 60°C; Type 4X/6 (Part Nos. X-X0XX-4) or Type 4/6 (Part Nos. X-X1XX-4), IP66/67

Enhanced Laser Diode Spectroscopy Open Path Gas Detector Receiver Rx, Part Nos. X-X0XX-4 (stainless) and X-X1XX-4 (aluminum), 14-32 Vdc, 10W, Ta = -40 °C to 60°C; Type 4X/6 (Part Nos. X-X0XX-4) or Type 4/6 (Part Nos. X-X1XX-4), IP66/67



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Note: These systems are Certified only for electrical safety and for use in hazardous locations. The performance aspects have not been investigated.

APPLICABLE REQUIREMENTS

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

CSA-C22.2 No. 251966 Enclosures for Use in Class II Groups E, F and G Hazardous Locations

CSA-C22.2 No. 30 1986 Explosion-proof Enclosures for Use in Class I Hazardous Locations

CSA-C22.2 No. 94- 1991 Special Purpose Enclosures

CSA-C22.2 No. 142- 1987 Process Control Equipment

CAN/CSA E60079-0, 5th Ed Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements

CAN/CSA E60079-1, 6th Ed Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures "d"

CSA-C22.2 No. 60529-2005 Degrees of protection provided by enclosures

UL 50, 11th Ed Enclosures for Electrical Equipment

UL 916, 3rd Ed Energy Management Equipment

UL Standard 1203, 4th Ed Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For Use in Hazardous (Classified) Locations

UL 60079-0, 5th Edition Electrical Apparatus for Use in Class I, Zones 0 & 1 Hazardous (Classified) Locations General Requirements

UL 60079-1, 6th Edition Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations Type of Protection - Flameproof "d"

ANSI/ISA 60529 2004 Degrees of protection provided by enclosures (IP Code)