



Certificate of Compliance

Certificate:	80281927	Master Contract:	181472
Project:	80281927	Date Issued:	2026-02-27
Issued to:	Crowcon Detection Instruments Limited 172 Brook Drive Milton Park Abingdon, Oxfordshire OX14 4SD United Kingdom	Issued by:	<i>Oong Lee</i> Oong Lee
Attention: Richard King			

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.



PRODUCTS

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

Class 4828 82 SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations - Certified to US Standards

Class I, Zone 0, A/Ex ia IIC T4 Ga

Class I, Division 1, Group A, B, C, and D T4

Portable Toxic & Oxygen Gas Detectors

Model(s)



Certificate: 80281927

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UnoIQ, DuoIQ

battery powered, with battery charging input port $U_m = 6.5 \text{ Vdc}$, Compact X-modules, Temperature class T4.

Notes:

1. Battery-operated, Pollution Degree 2.
2. Mode of operation: Continuous operation.
3. Environmental Conditions: $-20 \text{ }^{\circ}\text{C}$ to $+60 \text{ }^{\circ}\text{C}$, max. 2000 m, max. 95 % R.H, non-condensing.

Conditions of Acceptability:

1. The equipment must only be charged in the non-hazardous area using a suitably certified SELV, PELV or ES1 or equivalent charger with $U_m = 6.5 \text{ V d.c.}$

APPLICABLE REQUIREMENTS

Standards Used	Description
CAN/CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023, UPD4:2024	Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition
CAN/CSA C22.2 No. 60079-0:19	Explosive atmospheres - Part 0: Equipment - General requirements
CAN/CSA-C22.2 No 60079-11:14	Explosive Atmospheres - Part 11: Equipment protection by intrinsic safety 'I'
UL 61010-1:2012 - Third Edition - Revisions Through and Including November 15, 2024	Safety Requirements for Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements
ANSI/UL 60079-0:2020 - Seventh Edition - Including revisions through July 19, 2024	Explosive Atmospheres – Part 0: Equipment – General Requirements
ANSI/UL 60079-11:2013 - Sixth Edition - Including revisions through January 25, 2023	Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety "I"
ANSI/UL 913-2022 Eighth Edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Markings

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or



Certificate: 80281927

Master Contract: 181472

Project: 80281927

Date Issued: 2026-02-27

without either indicator for Canada only.

- (1) Submitter's name or trademark.
- (2) Catalogue / Model designation.
- (3) Date code / Serial number traceable to month and year of manufacture.
- (4) Hazardous Location designations.
- (5) Temperature code T4.
- (6) The products listed 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:



- (7) CSA certificate number: CSA 26CA80281927X
- (8) Ambient temperature range.
- (9) Charging parameter $U_m = 6.5 \text{ Vdc}$
- (10) Symbol #14 “,”
- (11) Word “Ex ia”
- (12) “WARNING – Only Charge in Safe Area.” And “Rechargez seulement dans une zone sécurisée.”.



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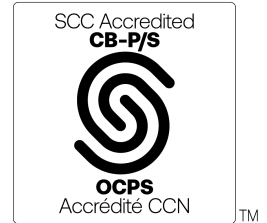
Project: 80281927

Master Contract: 181472

Date Issued: 2026-02-27

Notes:

Products certified under Class(es) C482802, C482882 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

Certificate: 80281927

Master Contract: 181472

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80281927	2026-02-27	Original cCSAus certification of intrinsically safe "ia" protected UnoIQ, DuoIQ Single / Dual channel gas detector for the detection of toxic gases and oxygen. Markings: IS Class I, Division 1 Groups ABCD T4; Ex ia IIC T4 Ga; Class I, Zone 0 AEx ia IIC T4 Ga; -20 °C to +60 °C;