IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx EXV 24.0035X**

Certificate history:

Status: **Current**

Issue No: 0

Date of Issue: 2024-07-04

Applicant: **Coltraco Ltd**
Unit 1, Chewton Fields
Ston Easton
Radstock BA3 4BX
United Kingdom

Equipment: **Portalevel® Intrinsically Safe**

Optional accessory:

Type of Protection: **Equipment protected by intrinsic safety "i".**

Marking: Ex ib IIA T4 Gb
Ta = -20°C to +40°C

Approved for issue on behalf of the IECEx Certification Body: **Sean Clarke CEng MSc FIET**

Position: **Certification Manager**

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom

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Certificate No.: **IECEx EXV 24.0035X** Page 2 of 3

Date of issue: 2024-07-04 Issue No: 0

Manufacturer: **Coltraco Ltd**
Unit 1, Chewton Fields
Ston Easton
Radstock BA3 4BX
United Kingdom

Manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2023 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

GB/EXV/ExTR24.0063/00

Quality Assessment Report:

GB/EXV/QAR24.0004/00

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The Coltraco Portalevel® Intrinsically Safe is a handheld device used to non-invasively measure the level of liquids inside any single-skinned container using ultrasound. Common applications include measuring liquefied fire suppression agents in a cylinder. The device uses an ultrasonic sensor and provides an indication of the returned signal on an LCD display to enable the operator to determine the liquid level in the cylinder.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. This device may only be powered using Energizer Ultimate Lithium L91 (AA) Lithium Iron Disulfide primary cells.
2. If the enclosure is damaged, the equipment shall not be used in explosive atmospheres. The ingress of protection IP20 and its limitations shall be observed when the equipment is being used.

Annex:

Annex to IECEx EXV 24.0035X.pdf

Technical Documents			
Title	Drawing	Revision	Date
Battery board	150101-PCB-002	1	08/05/2019
Battery PCB	C33-55B	J	08/09/2017
LCD Schematic	150101-PCB-030	A	13/10/2017
Display PCB	C33-45	C	08/09/2017
Main PCB	C33-55A	G	08/09/2017
Enclosure machining	8-C33-55-02	C	27/07/2019
End Cap Machining	8-C33-55-01	A	25/06/2008
Front membrane	244-075	A	08/09/2017
Rear label	4-C33-0945-01	1	09/06/2015
General assembly	1-C33-55-01	B	27/07/2019
Aluminium bollard	4-C33-1560-01	A	21/05/2019
Bollard seal	4-C33-1595-01	A	25/07/2019
Bollard seal	4-C33-1596-01	A	25/07/2019
Transducer / applicator	191102/1	1	08/09/2017
Portalevel IS manual *	-	V9	05/06/2024

Note: An * is included before the title of documents that are new or revised.

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.