1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 19ATEX0516X Issue: 1

4 Equipment: Portalevel® Intrinsically Safe

5 Manufacturer: Coltraco Ltd.

6 Address: Unit 1, Chewton Fields, Ston Easton, Radstock, BA3 4BX, UK

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN IEC 60079-0: 2018 IEC 60079-11:2023

10 If the sign “X” is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

II 2G Ex ib IIA T4 Gb
Ta = -20°C to +40°C

DANAK
PROD Reg.No. 7044
Member of EA MLA

On behalf of ExVeritas

Peter Lauritzen
Managing Director

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Schedule

13 Description of Equipment or Protective System

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.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report	Date	Issue	Comment
R1217/A/1	04/09/2019	0	Initial issue of the Prime Certificate
R4889/A/1	18/06/2024	1	Update to latest editions of IEC 60079-0:2017 and IEC 60079-11:2023

14.2 Compliance Drawings:

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.

15 Conditions of Certification

15.1 Special Conditions for Safe Use

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.

15.2 Conditions for Use (Routine tests)

- None

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1. The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

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