

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**  
2 **UK TYPE EXAMINATION CERTIFICATE**

3 **Product Intended for use in Potentially Explosive Atmospheres**  
4 **UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1**

5 Type Examination Certificate Number: **ExVeritas 21UKEX1051X** Issue: **0**

6 Product: MiniPurge Interface Units MIUe

7 Manufacturer: Expo Technologies Ltd

8 Address: Unit 2, The Summit, Hanworth Road, Sunbury on Thames,  
9 Surrey, TW16 5DB, UK

10 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

11 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

12 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with:



**EN IEC 60079-0: 2018      EN IEC 60079-7: 2015+A1: 2018      EN 60079-31: 2014**

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

13 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.

14 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

15 The marking of the equipment shall include the following:

 II 2 G Ex eb IIC T5/4\* Gb T<sub>amb</sub> -20°C to +55/60°C  
 II 2 D Ex tb IIIC T100°C Db T<sub>amb</sub> -20°C to +55°C



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET  
Managing Director

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

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## Schedule

### 13 Description of Product

The Minipurge Interface Units are part of a series of IP66 rated enclosures that are used as Junction Boxes. The construction of the boxes has been assessed under the component certificate ExV19ATEX0454U. A permitted content of the boxes is specified on drawing SD7623. The current rating and maximum voltage for each terminal box is specified on the label and the general assembly drawings. Three types of boxes have been covered by this certificate:

- MIU/e1 – 7A, 400V, IP66 assembly drawing SD7851
- MIU/e2 – 7A, 400V, IP66 assembly drawing SD7850
- MIU/e1/MO – 2A, 400V, IP66 assembly drawing SD7861

### 14 Descriptive Documents

#### 14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
EXV3380A	2022-01-19	0	Initial issue of the Prime Certificate

#### 14.2 Compliance Drawings:

Title:	Drawing No.:	Rev. Level:	Date:
MIU/e Permitted Contents	SD7623	2	02/10/19
MIU User Instructions	SD7644	3	02/10/19
Minipurge Interface Unit	SD7850	3	02/10/19
Minipurge Interface Unit	SD7851	3	02/10/19
MIU with manual override	SD7861	3	02/10/19
MIU/e CERTIFICATION LABEL UKCA	SD8514	1	04/10/2021

### 15 Specific Conditions of Use

#### 15.1 Special Conditions for Safe Use

- Cable glands, breathers, drains and plugs shall be appropriately ATEX certified types, suitable for the cable and conditions for use and installed in accordance with their manufacturers' instructions. They shall maintain the IP66 rating of the enclosure.

#### 15.2 Routine tests

- None

### 16 Essential Health and Safety Requirements (Regulations Schedule 1)

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 ExVeritas of any modifications to the design of the product described by this schedule.

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Issue **0**

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