



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 19.0057X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-11-12

Applicant: **EXPO Technologies Limited**
Unit 2, The Summit
Hanworth Road
Sunbury on Thames
Surrey TW16 5DB
United Kingdom

Equipment: **Minipurge Interface Units MIUe**

Optional accessory:

Type of Protection: **Increased Safety Ex 'eb' Protection by Enclosure Ex 'tb'**

Marking: Ex eb IIC T5/4* Gb Ta = -20°C to +55/60* °C
*Manual override (MO) models exempt
Ex tb IIIC T100°C Db Ta = -20°C to +55°C

Approved for issue on behalf of the IECEx
Certification Body:

Sean Clarke CEng MSc FIET

Position:

Certification Manager

Signature:
(for printed version)

Date:

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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Date of issue: 2019-11-12

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Manufacturer: **EXPO Technologies Limited**
Unit 2, The Summit
Hanworth Road
Sunbury on Thames
Surrey TW16 5DB
United Kingdom

Additional
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 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

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/ExTR19.0059/00](#)

Quality Assessment Report:

[GB/SIR/QAR07.0012/15](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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 IECEx EXV 19.0010U. 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

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Cable glands, breathers, drains and plugs shall be appropriately IECEx 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.

Annex:

[ExV 19.0057X IECEx Annex.pdf](#)

| Manufacturer's documents: | | | | |
|------------------------------------|--------------|-----|--------|----------|
| Title: | Drawing No.: | Rev | Sheets | Date: |
| MIU/e Permitted Contents | SD7623 | 2 | 1 of 1 | 02/10/19 |
| MIU IECEx & ATEX Certificate label | SD7624 | 4 | 2 of 2 | 02/10/19 |
| MIU User Instructions | SD7644 | 3 | 3 of 3 | 02/10/19 |
| Minipurge Interface Unit | SD7850 | 3 | 1 of 1 | 02/10/19 |
| Minipurge Interface Unit | SD7851 | 3 | 1 of 1 | 02/10/19 |
| MIU with manual override | SD7861 | 3 | 1 of 1 | 02/10/19 |