

EU TYPE-EXAMINATION CERTIFICATE

1. EU type-examination Certificate (Module B)
2. Component intended for use with Equipment or Protective System in potentially explosive atmospheres (Directive 2014/34/EU)



3. EU type examination certificate Nr **ITS-I 21 ATEX 30195U R.0**

4. **Component:** Range of Increased Safety Window Kits

5. **Manufacturer:** Purge Solutions, Inc

Applicant: Purge Solutions, Inc

6. **Address:** 592 Avenue E 1/2, Alvin, Texas 77511 USA

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7. This component and any acceptable variation thereto are specified in the schedule to this certificate and therein referred to.
8. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, certifies that the component has been found to comply with the essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmosphere, given in Annex II of the Directive.

The examination and tests results are recorded in confidential technical evaluation Intertek Report Nr. 10464058LHD-001 dated 30th September 2021.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018 and EN 60079-31:2014 except in respect of those requirements referred to at item 18 of the Schedule.
10. If the sign U placed after the certificate number indicates that this certificate must not be mistaken relative to an equipment or protective system.
11. This EU-Type Examination Certificate relates only to the design and construction of the specified component. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
12. The marking of the component shall include the following:



II 2 GD
Ex eb IIC Gb
Ex tb IIIC Db IP66
Service Temp: -40°C to +80°C

Certificate issue date

5th April 2022

Mark Newman

Certification Officer
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements



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Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy



SCHEDULE

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13. DESCRIPTION OF COMPONENT

The Increased Safety Window Kits are mountable assemblies fabricated in various materials and finishes, which are fitted with windows. They are available in two types Opening and Non-Opening. The Opening Window Kits are hinged and clamped for ingress protection and are offered from a 152.4mm x 228.6mm viewing area to a 508.0mm x 762.0mm viewing area. The Non-Opening Window Kits are offered from a 24.9mm x 47.8mm viewing area to a 184.2 mm x 254.0mm viewing area. They are secured to enclosure by various fastener arrangements, which rely on O-rings or medium density silicone gaskets to prevent ingress when mounted.

14. DRAWINGS AND DOCUMENTS

TITLE	DOCUMENT Nr	LEVEL	DATE
1/4 DIN BEZEL INCREASED SAFTEY WINDOW KIT	MM-11151-E	E	25/JAN/12
1/4 DIN LAMINATED GLASS INCREASED SAFTEY WINDOW KIT	MM-11152-D	D	25/JAN/12
1/4 DIN BEZEL ATEX, IECEx and UKEx LABEL INCREASED SAFTEY WINDOW KIT	MM-11160-E	E	27/JAN/12
1/4 DIN GENERAL ASSEMBLY INCREASED SAFTEY WINDOW KIT	MM-11165-E	E	27/JAN/12
1/8 DIN BEZEL INCREASED SAFTEY WINDOW KIT	MM-11153-E	E	25/JAN/12
1/8 DIN LAMINATED GLASS INCREASED SAFTEY WINDOW KIT	MM-11154-D	D	25/JAN/12
1/8 DIN BEZEL ATEX, IECEx and UKEx LABEL INCREASED SAFTEY WINDOW KIT	MM-11161-E	E	27/JAN/12
1/8 DIN GENERAL ASSEMBLY INCREASED SAFTEY WINDOW KIT	MM-11166-E	E	30/JAN/12
1/16 DIN BEZEL INCREASED SAFTEY WINDOW KIT	MM-11155-E	E	25/JAN/12
1/16 DIN LAMINATED GLASS INCREASED SAFTEY WINDOW KIT	MM-11156-D	D	25/JAN/12
1/16 DIN BEZEL ATEX, IECEx and UKEx LABEL INCREASED SAFTEY WINDOW KIT	MM-11162-E	E	27/JAN/12
1/16 DIN GENERAL ASSEMBLY INCREASED SAFTEY WINDOW KIT	MM-11167-E	E	30/JAN/12
1/32 DIN BEZEL INCREASED SAFTEY WINDOW KIT	MM-11157-E	E	25/JAN/12
1/32 DIN LAMINATED GLASS INCREASED SAFTEY WINDOW KIT	MM-11158-D	D	25/JAN/12
1/32 DIN BEZEL ATEX, IECEx and UKEx LABEL INCREASED SAFTEY WINDOW KIT	MM-11163-E	E	25/JAN/12
1/32 DIN GENERAL ASSEMBLY INCREASED SAFTEY WINDOW KIT	MM-11168-E	E	30/JAN/12
EXTRA LARGE BEZEL INCREASED SAFTEY WINDOW KIT	MM-11149-E	E	20/JAN/12
EXTRA LARGE LAMINATED GLASS INCREASED SAFTEY WINDOW KIT	MM-11150-D	D	25/JAN/12



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TITLE	DOCUMENT Nr	LEVEL	DATE
EXTRA LARGE BEZEL ATEX, IECEx and UKEx LABEL INCREASED SAFTEY WINDOW KIT	MM-11159-E	E	25/JAN/12
EXTRA LARGE GENERAL ASSEMBLY INCREASED SAFTEY WINDOW KIT	MM-11164-E	E	27/JAN/12
ATEX, IECEx and UKEx LABEL INCREASED SAFETY WINDOW KITS	DO-11268-B-1	B	23/DEC/16
ATEX, IECEx and UKEx LABEL INCREASED SAFETY WINDOW KITS	DO-11268-B-2	B	23/DEC/16
INCREASED SAFETY WINDOW KITS IOM MANUAL	DO-11012-E	E	05/JUN/21
OPENING ASSEMBLY DETAIL INCREASED SAFETY WINDOW KITS	DO-11289-A	A	15/JUN/17
NON-OPENING ASSEMBLY DETAIL INCREASED SAFETY WINDOW KITS	DO-11288-A	A	15/JUN/17

Copies of the above listed documents are kept at Intertek Italia S.p.A. archive.

15. LIMIT CONDITIONS FOR USE

- The increased safety Window Kits are suitable for installation into enclosure in atmosphere with flammable gasses and dust. For flammable gases, the enclosure must satisfy the requirements according to EN IEC 60079-0:2018 and EN IEC 60079-7:2015+A1:2018. For combustible dust the enclosure must satisfy the requirements according to EN IEC 60079-0:2018 and EN 60079-31:2014
- The service temperature range of -40°C to +80°C shall not be exceeded.
- Consideration of Clause 7.5 of EN IEC 60079-0:2018 should be given when fitting the window kits to a non-metallic enclosure or a non-metallic part of an enclosure
- When mounted to an enclosure care should be taken to ensure the joint between the window kit and the enclosure wall maintains the required degree of protection

16. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The relevant essential Health and Safety Requirements have been identified and assessed in Intertek Report Nr. 10464058LHD-001 dated 30th September 2021.

17. ROUTINE (FACTORY) TESTS

None