



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 21.0060X	Page 1 of 5	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2021-10-21)
Date of Issue:	2023-06-14		
Applicant:	Cunningham Covers Limited Glenshane Industrial Park Tobermore Rd, Maghera Londonderry BT46 5DR United Kingdom		
Equipment:	SafeZone - Purge Control Unit		
Optional accessory:			
Type of Protection:	60079-46		
Marking:	Ex 60079-46 IIB/IIC T4 Gb Tamb -20°C to +40/+50°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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Manufacturer: **Cunningham Covers Limited**
Glenshane Industrial Park
Tobermore Rd, Maghera
Londonderry BT46 5DR
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 TS 60079-46:2017 Explosive atmospheres - Part 46: Equipment assemblies
Edition:1.0

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 Reports:

GB/EXV/ExTR20.0087/00

GB/EXV/ExTR23.0032/00

Quality Assessment Report:

GB/EXV/QAR16.0004/01



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The SafeZone PCU is an assembly of ATEX/IECEx equipment. The PCU is a control system designed to be used with the SafeZone Pressurised Room (Habitat) to provide a temporary room that can reduce a Zone 1 or Zone 2 area to a safe area within the room. The assessment covers the Ex related aspects of the system, performance aspects are not considered. The system incorporates a fan to purge the habitat with clean air and then maintain an overpressure within the habitat. Gas detection is provided as part of the system.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The flameproof joints on the GUB03 enclosure, E2S sounder/beacon, E2S Airlock Strobe, Rotork airflow damper actuator and Hawke Connectors are not intended for repair. Contact the manufacturer.
- The JB3 gas detector enclosures, E2S sounder beacon, E2S Airlock Strobe, Ex Zone pushbutton station and Airlock Door Switches used may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.
- Do not separate connectors when energised.
- The protective caps supplied with the Hawke Connectors are to be fitted immediately following separation.



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Equipment (continued):

Title:	Drawing No.:	Rev. Level:	Date:
*PCS HazLoc Component BOM IIB	17097	REL06	15/2/23
*PCS HazLoc Components BoM IIC	17175	REL02	15/2/23
Purge Control System Electrical Schematic (sheets 1 to 4)	16975	Rel05	15/08/17
Safezone PCS layout certification drawing	16803	REL02	22/06/15
Purge Control System I/S Loop verification drawing	16982	REL02	28/02/20
Purge control system Electrical schematic for 50°C (sheets 1 to 4)	17140	Rel01	13/10/2021
*Label Drawing	SAFE-022	C	19/04/2023



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Inclusion of gas group IIC option