



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx SIR 13.0026X Issue No: 0 Certificate history:  
Issue No. 0 (2013-05-03)

Status: **Current** Page 1 of 4

Date of Issue: **2013-05-03**

Applicant: **CMP Products Ltd**  
Glasshouse Street  
St Peters  
Newcastle upon Tyne  
NE6 1BS  
**United Kingdom**

Electrical Apparatus: **Cable Gland Types E\*\***  
*Optional accessory:*

Type of Protection: **Flameproof, Increased Safety, Restricted Breathing and Dust Protection by Enclosure**

Marking:

Ex e I Mb	Ex e IIC Gb	Ex ta IIIC Da
Ex d I Mb	Ex d IIC Gb	
	Ex nR IIC Gc	
	Ta =	-60°C to +130°C <small>Note 1</small>
		-20°C to +200°C <small>Note 2</small>

Note 1 When fitted with the standard seal

Note 2 When fitted with the high temperature seal

Approved for issue on behalf of the IECEx  
Certification Body:

P J Walsh

Position:

Technical Advisor

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:



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SIRA Certification Service  
Rake Lane  
Eccleston  
Chester  
CH4 9JN  
United Kingdom





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Manufacturer: **CMP Products Ltd**  
Glasshouse Street  
St Peters  
Newcastle upon Tyne  
NE6 1BS  
**United Kingdom**

Additional Manufacturing  
location(s):

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 electrical apparatus 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-15 : 2010</b> Edition:4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
<b>IEC 60079-31 : 2008</b> Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
<b>IEC 60079-7 : 2006-07</b> Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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/SIR/ExTR13.0066/00](#)

Quality Assessment Report:

[GB/SIR/QAR07.0009/04](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The E\*\* series Type ranges of cable glands consist of a male-threaded front entry component containing an elastomeric sealing ring and a Nylon 6 skid washer which effect flameproof sealing onto the cable inner sheath and is intended to screw into an entry point of its associated enclosure in accordance with relevant codes of practice. The flameproof seal is actuated by an adjoining coupling component. The coupling component is attached to a main body. Their mating thread may be fitted with an optional 'O' ring seal to provide increased ingress protection. Clamping of the armoured or braided cable is effected by a combination of the coupling component, main body and the different optional armour cone and armour sleeve combinations being fastened together. An outer seal nut, containing an elastomeric sealing ring and a Nylon 6 ferrule, threads onto the main body and effects environmental sealing onto the cable outer sheath.

For Design Options and Additional Information refer to the Annexe

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. The E\*\*-Type cable glands shall not be used on braided cables in group I applications.
2. The glands when used for terminating braided cables are only suitable for fixed installations. Cables must be effectively clamped to prevent pulling or twisting.
3. When the cable glands are supplied with an entry thread that is one size up from the nominal gland size, designated with the letter 'B' after the gland size, e.g. 32B\*\*\*\*, they shall not be used with any adaptor device.
4. When assembled for fitting to flexible conduit, the conduit shall be effectively clamped to prevent twisting and pulling.

### Annex:

[IECEx SIR 13.0026X Annexe Issue 0.pdf](#)