



# 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 06.0039X issue No.: 1

History:  
Issue No. 1 (2007-6-22)  
Issue No. 0 (2006-9-6)

Status: **Current**

Date of Issue: **2007-06-22** Page 1 of 4

Applicant: **CMP Products Limited**  
Glasshouse Street, St Peters  
Newcastle-upon-Tyne  
Tyne and Wear NE6 1BS  
United Kingdom

Electrical Apparatus: **A2F Range of Cable Glands**  
Optional accessory:

Type of Protection: **Flameproof, Increased Safety and Dust**

Marking: **Ex d IIC/Ex e II /Ex nR II or Ex d I/Ex e I**  
**Ex d IIC or Ex d I or**  
**Ex e II or Ex e I or**  
**Ex nR II**  
**Ex tD A21 IP66**

Approved for issue on behalf of the IECEx Certification Body: **D R Stubbings**

Position: **Certification Manager**

Signature:  
(for printed version)

Date: **2007-06-22**

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:

**SIRA Certification Service**  
South Hill  
Chislehurst  
Kent BR7 5EH  
United Kingdom

**sira**  
CERTIFICATION



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Manufacturer: **CMP Products Limited**  
Glasshouse Street, St Peters  
Newcastle-upon-Tyne  
Tyne and Wear NE6 1BS  
United Kingdom

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 : 2004</b><br>Edition: 4.0      | Electrical apparatus for explosive gas atmospheres - Part 0: General requirements   |
| <b>IEC 60079-1 : 2003</b><br>Edition: 5        | Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'   |
| <b>IEC 60079-15 : 2005-03</b><br>Edition: Ed 3 | Electrical apparatus for explosive gas atmospheres Part 15: Construction, test and Marking of Type of Protection "n" electrical apparatus |
| <b>IEC 60079-7 : 2001</b><br>Edition: 3        | Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'   |
| <b>IEC 61241-0 : 2004</b><br>Edition: 1        | Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements   |
| <b>IEC 61241-1 : 2004</b><br>Edition: 1        | Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"                                  |

*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/ExTR06.0061/00](#)  
[GB/SIR/ExTR07.0042/00](#)

Quality Assessment Report:

[GB/SIR/QAR06.0011/00](#)



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## Schedule

### EQUIPMENT:

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

The A2F range of cable glands are intended to terminate circular braided or unarmoured cables into enclosures without compromising the explosion protection provided by the enclosures in accordance with relevant codes of practice.  
For full description, see certificate Annexe.

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

1. The A2F cable gland range shall only be used where the temperature is between  $-60^{\circ}\text{C}$  to  $+130^{\circ}\text{C}$  at the point of entry.
2. The A2F cable gland range is certified with one specific size of FLP sealing ring per gland size as supplied.
3. The A2F cable gland size 20s/16 cable entry is only suitable for fixed installations. Cables must be effectively clamped to prevent pulling or twisting.
4. The A2F range of cable gland entry component threads may need additional sealing to maintain the ingress protection rating as applicable to the associated equipment in which it will be attached.



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1 introduced the following changes:

1. The removal of the manufacturer's address from the product marking.  
The modification of the product descriptions/drawings  
The addition of Ex nR II and Ex tD coding