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# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Ser No. CNEx09.0427U

**Applicant** CCG Cable Terminations (Pty) Ltd  
33-37 Forge Road Spartan Industrial Area 1619 SOUTH AFRICA

**Name of Product** Cable glands

**Type of Product** Series of E1EX , D1EX, A2EX and Ex Corrosion Guard

**Marking** Exd IIC(Zone1, 2)/ e II (Zone1, 2) /DIP A21,22 IP66/IP68

**Standard** —

**Drawing No.** E.00.00.26.000/A,B,C,D E.00.00.27.000/A,B,C,D  
E.00.00.25.000/A,B,C,D E.00.00.48.000/A,B,C,D

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB3836.1-2000 Electrical apparatus for explosive gas atmospheres-Part 1:General requirements

GB3836.2-2000 Electrical apparatus for explosive gas atmospheres-Part2: Flameproof enclosure "d"

GB3836.3-2000 Electrical apparatus for explosive gas atmospheres- Part3: Increased safety "e"

GB12476.1-2000 Electrical apparatus for use in the presence of combustible dust-Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation-Specification for apparatus

**Note** See Annex

**Valid Date** March 9, 2009 to March 8, 2014

**Issue Date** March 9, 2009

**Director**



CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE  
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China  
Tel: 0377-63258564 Fax: 0377-63208175 Http://www.china-ex.com



Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).

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- The products have been certified by Test safe (Australia), Certificate No.: AUS Ex 03.3844X /Report No.: TestSafe 23260;
- The products are cable glands, they should be fitted into the Ex-equipment;
- This certificate can stand for the following products:  
Marking: Exd IIC(Zone1, 2)/e II (Zone1, 2)/DIP A21,22 IP66/IP68  
E1EX , D1EX and Ex Corrosion Guard ranges of cable glands

| Gland Size Ref | Entry Thread Diameter |               |
|----------------|-----------------------|---------------|
|                | Metric                | NPT           |
| 00-16ss        | M16 x 1.5             | ---           |
| 00-20ss        | M20 x 1.5             | 1/2           |
| 0-20s          | M20 x 1.5             | 1/2           |
| 1-20           | M20 x 1.5             | 1/2 / 3/4     |
| 2-25           | M25 x 1.5             | 3/4 / 1       |
| 3-32           | M32 x 1.5             | 1 / 1 1/4     |
| 4-40           | M40 x 1.5             | 1 1/4 / 1 1/2 |
| 5-50           | M50 x 1.5             | 1 1/2 / 2     |
| 6-63           | M63 x 1.5             | 2 / 2 1/2     |
| 7-75           | M75 x 1.5             | 2 1/2 / 3     |
| 8-80           | M80 x 2.0             | ---           |
| 9-90           | M90 x 2.0             | ---           |
| 10-100         | M100 x 2.0            | ---           |

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### A2EX ranges of cable glands

| Gland Size Ref | Entry Thread Diameter |               |
|----------------|-----------------------|---------------|
|                | Metric                | NPT           |
| 00-16ss        | M16 x 1.5             | ---           |
| 00-20ss        | M20 x 1.5             | 1/2           |
| 0-20s          | M20 x 1.5             | 1/2           |
| 1-20           | M20 x 1.5             | 1/2 / 3/4     |
| 2-25           | M25 x 1.5             | 3/4 / 1       |
| 3-32           | M32 x 1.5             | 1 / 1 1/4     |
| 4-40           | M40 x 1.5             | 1 1/4 / 1 1/2 |
| 5-50           | M50 x 1.5             | 1 1/2 / 2     |
| 6-63           | M63 x 1.5             | 2 / 2 1/2     |
| 7-75           | M75 x 1.5             | 2 1/2 / 3     |

4. It is a condition of safe use that the cable gland sizes 00,0,1,2,3,4,5 and 6 are not permitted for installation with Ex d IIC apparatus that have a volume in excess of 2000 cm<sup>3</sup>;
5. It is a condition of safe use that the cable glands are not permitted to be installed outside of the temperature range -20°C to 80°C;
6. For operating ambient temperature between +40°C and +80°C the nameplate must be marked accordingly, and instruction to be given in related documents.

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