



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 ICS 15.0007X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2015-06-23)

Status: **Current** Issue No: 1

Date of Issue: 2021-08-19

Applicant: **CCG Cable Terminations (PTY) Ltd**
33-37 Forge Road
Spartan Industrial Area
Kempton Park
1619
South Africa

Equipment: **Non Metallic Threaded blanking elements - M20, M25, M32 and M40**

Optional accessory:

Type of Protection: **Increased safety "e", Equipment protection by type of protection "n", Equipment dust ignition protection by enclosure "t"**

Marking: Ex eb IIC Gb
Ex nR IIC Gc
Ex tb IIIC Db
IP 66/68 (2m)

Approved for issue on behalf of the IECEx
Certification Body:

Francoius du Toit

Position:

Certification Authority

Signature:
(for printed version)

Date:

2021-08-19

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:

South Africa Mining and Surface Certification (MASC)
45 Jurg Street
Lelyta Park Unit 5
Hennospark Ext 87, Centurion, 0157, Gauteng
South Africa





IECEX Certificate of Conformity

Certificate No.: **IECEX ICS 15.0007X**

Page 2 of 4

Date of issue: 2021-08-19

Issue No: 1

Manufacturer: **CCG Cable Terminations (PTY) Ltd**
33-37 Forge Road
Spartan Industrial Area
Kempton Park
1619
South Africa

Additional
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 60079-15:2017 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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:

[ZA/ICS/ExTR15.0004/00](#)

[ZA/ICS/ExTR15.0004/01](#)

Quality Assessment Reports:

[ZA/ICS/QAR14.0001/00](#)

[ZA/ICS/QAR14.0001/06](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX ICS 15.0007X**

Page 3 of 4

Date of issue: 2021-08-19

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The range of threaded non-metallic blanking elements is suitable for blanking off threaded entries in enclosures, as appropriate for the type of protection. In addition with the blanking element, a sealing gasket is used to maintain the IP rating.

An Allen key hole in the blanking element accommodates fastening of the equipment.

The range of threaded blanking elements covered by this approval is as follows:

- M20 x 1.5
- M25 x 1.5
- M32 x 1.5
- M40 x 1.5

SPECIFIC CONDITIONS OF USE: YES as shown below:

Conditions of Certification / Manufacture:

- None

Special conditions of use:

- The Non-metallic threaded blanking plug shall only be used where the temperature, at the point of entry, is between
 - -20°C and +95°C (HDPE sealing gasket)
 - -20°C and +106°C (Nylon sealing gasket)
- To maintain the IP rating / restricted breathing, the end-user shall ensure that the surface of the enclosure against which the sealing gasket seals, is in a good condition.



IECEX Certificate of Conformity

Certificate No.: **IECEX ICS 15.0007X**

Page 4 of 4

Date of issue: 2021-08-19

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- Inclusion of M40 x 1.5 blanking element as part of the current range.
- The blanking element material is updated to Nylon. An additional material is added to the current list of materials from which the sealing gasket can be made. This material (Nylon) has an application temperature of -20°C to +106°C.
- A dimensional update as per schedule drawings.
- Updated to the latest standard edition(s).