

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

ANZEx Scheme

Certificate of Conformity

Certificate No: ANZEx 08.2003U Issue: 0 2 June 2008 Original Issue

Certificate Holder: **CCG Cable Terminations (Pty) Ltd**
33-37 Forge Road
Spartan Industrial Area
KEMPTON PARK 1619
Republic of South Africa

Electrical Equipment: **Posi Grip Ex e Cable Glands**

Type of Protection and Marking Code: **Ex e IIC IP66/68**
ANZEx 08.2003U

Manufactured by: **CCG Cable Terminations (Pty) Ltd**
33-37 Forge Road
Spartan Industrial Area
KEMPTON PARK 1619
Republic of South Africa

The certification database located at <http://www.anzex.com.au> shows the currency of this certificate.

Issued by:



Engineering, Testing and Certification Centre
2 Smith Street, REDBANK QLD 4301, Australia
Postal Address: PO Box 467, GOODNA QLD 4300, Australia
Phone: + 61 7 3810 6381 Fax: + 61 7 3810 6366



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This certificate is granted subject to the conditions as set out in Standards Australia/Standards New Zealand P-008 Ex Mark Management Committee Publication MP87.

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:

- AS 2380.1 - 1989** **Electrical equipment for explosive atmospheres - Explosion-protection techniques - Part 1: General requirements**
- AS 2380.6 - 1988** **Electrical equipment for explosive atmospheres - Explosion-protection techniques - Part 6: Increased Safety**

This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

The above standards were not current at the time of issue of this certificate.

The equipment listed has successfully met the examination and test requirements as recorded in

Test Report No. and Issuing Body: **NE98/0048, NE98/0058; Simtars**

Quality Assessment Report No.: **AU/ITA/QAR08.0002/00, ITACS**

File Reference: **08/0068**



Signed for and on behalf of issuing authority

**Principal Engineer - Certification
Engineering, Testing and Certification Centre**

Position

2 June 2008

Date of issue

This certificate and schedule may not be reproduced except in full.

This certificate is not transferable, remains the property of the issuing body and must be returned in the event of its being revoked or not renewed.

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Schedule

Equipment:

The Posi Grip Ex e Cable Glands (refer Table 1) comprises inner parts (insert and cone) manufactured from brass, which may be nickel plated, and the outer parts (outer and nipple nuts) of glass-reinforced polyester. The glands are fitted with two elastomeric seals on the cable sheath, which provide the necessary sealing and cable grip for secure clamping of the cable.

Table 1: Posi Grip Ex e Cable Glands

Gland size	Threaded size	Cable diameter Min – Max (mm)
00-20s	M20	3.0 – 8.0
0-20s	M20	8.0 - 12.0
1-20	M20	11.0 – 15.5
2-25	M25	15.0 – 20.5
3-32	M32	20.0 – 26.5
4-40	M40	26.0 – 34.5
5-50	M50	34.0 – 44.5
6-63	M63	44.0 – 57.0
7-75	M75	56.0 – 68.0

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Drawings:

Drawing No.	Drawing Title	Revision No.	Drawn/ Revision Date
E.00.00.02.000/A	POSI GRIP Exe CABLE GLAND	1	23/01/97
E.00.00.02.000/B	POSI GRIP Exe CABLE GLAND	1	23/01/97
E.00.00.02.000/C	POSI GRIP Exe CABLE GLAND MARKING	1	21/05/08

Additional Information:

Flexible cable used with the cable glands shall be fixed to secure the cable against twisting and tensile forces.

IP68 testing was conducted at an immersion depth of 2 m for 30 minutes.

The product testing component of this certificate is based on AUS Ex 2404U, a certificate issued under the previous phase of the Australian Ex Certification Scheme.

Issued by:



Simtars

Queensland Government

A business unit of the Department of
Mines and Energy

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