





Mining And Surface Certification (Pty) Ltd

2015/021934/07

THIS CERTIFICATE IS ISSUED AS AN I.A. CERTIFICATE IN TERMS OF THE MINE HEALTH AND SAFETY ACT, ACT NO 29 OF 1996 (AND REGULATIONS), THE OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993) AND REGULATION 17 OF THE ELECTRICAL MACHINERY REGULATIONS

IA CERTIFICATE	MASC 22-9015	Issue	0
Issue Date	13 September 2022	Expiry Date	13 September 2032
Applicant	CCG Cable Terminations (PTY) LTD, 33-37 Forge Road, Spartan Industrial Area, Kempton Park, 1619		
Manufacturer	CCG Cable Terminations (PTY) LTD, 33-37 Forge Road, Spartan Industrial Area, Kempton Park, 1619		
Description (See "Annex A" below)			
Equipment	Glands	Type	E1W, A2, D1W, I Plus, CW and Posiflex gland ranges
MARKING: <i>Must be additionally applied to the equipment</i>	Applicant / Manufacturer Type Ex Marking IA Number Serial Number Rating	CCG Cable Terminations (PTY) LTD As above IP66/67/68 (2m cont.) - as applicable MASC 22-9015 See "Annex A" below As per description below	
WARNING(S)	As per conditions below		
Compliance:			
The equipment as described above / below has been allocated the rating <u>Explosion Protected as above</u> utilizing the SANS/IEC Standards:			
<ul style="list-style-type: none"> SANS/IEC 60529:2013 - "Degrees of protection provided by enclosures (IP Code)" <ul style="list-style-type: none"> (clause 13.4 / 13.6 / 14.2.6 / 14.2.7 / 14.2.8) 			
<i>Note: This certificate covers only the listed standards and does not imply compliance to any other standard, related or inferred. It is up to the manufacturer to ensure that the product complies to all relevant standards for the application.</i>			
Special conditions of safe use X:			
<ul style="list-style-type: none"> The interface with the enclosure is unidentified, except for the gasket on the glands. It is up to the end user to install the gland according to the manufacturer's instructions. 			
Conditions of manufacture:			
<ul style="list-style-type: none"> None 			
 Terine Orsmond PROJECT MANAGER		 Regardt Zeelie TECHNICAL SPECIALIST	
<p style="text-align: center;">This certificate only covers the sample submitted and does not cover production units.</p> <p>According to the relevant requirements of the MHS Act and the OHS Act, production units of explosion protected equipment are required to comply with third party quality assurance (an approved mark scheme or batch testing by an accredited test laboratory).</p>			



Apparatus in hazardous locations is subject to the following provisions as applicable, which shall be adhered to:

- SANS 10086 requirements;
- Any conditions mentioned in the above certificate;
- Any relevant requirements of the MHS Act;
- Any restrictions and conditions enforced by the chief inspector of mines, principal inspector (Group I equipment) or chief inspector of factories (Group II equipment).



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IA CERTIFICATE: MASC 22-9015
Equipment: E1W, A2, D1W, I Plus, CW and Posiflex gland ranges

ANNEX A

Description	<p>D1W gland range (Size 00 to size 13) – IP66/67/68 (2m cont.) The D1W gland consists of an inner, outer, cone, cone ring, lock nut, inner seal and a sealing gasket. The gland is mainly used for industrial purposes, engaged into a threaded hole or secured with a locknut.</p> <p>E1W gland range (Size 00 to size 13) – IP66/67/68 (2m cont.) The E1W gland consists of an inner, body, cone, cone ring, outer nut, lock nut, outer seal, inner seal, skid ring and a sealing gasket. The gland is mainly used for industrial purposes, engaged into a threaded hole or secured with a locknut.</p> <p>A2 gland range (Size 00 to size 13) – IP66/67/68 (2m cont.) The A2 gland consists of an inner, outer, bush, lock nut, gripper seal, skid ring and a sealing gasket. The gland is mainly used for industrial purposes, engaged into a threaded hole or secured with a locknut.</p> <p>CW gland range (Size 00 to size 13) – IP66 The CW gland consists of an inner, body, cone, cone ring, lock nut, bush, outer nut, skid ring, outer seal and a sealing gasket. The gland is mainly used for industrial purposes, engaged into a threaded hole or secured with a locknut.</p> <p>I Plus gland range (Size 00 to size 7) – IP66/67/68 (2m cont.) The I Plus gland consists of an inner, body, cone, cone ring, lock nut, IP corrosion guard outer, IP corrosion guard nut, skid ring, corrosion guard sealing ring, inner seal and outer seal. The gland is mainly used for industrial purposes, engaged into a threaded hole or secured with a locknut.</p> <p>Posiflex gland range (Size 00 to size 4) – IP66/67/68 (2m cont.) The Posiflex gland consists of an inner, insert, lock nut, Outer, Nipple nut mould, Gripper seal, Skid ring, Nipple seal and a Gasket. The gland is mainly used for industrial purposes, engaged into a threaded hole or secured with a locknut.</p>
Standard compliance	See "certificate" above
Warnings	See "certificate" above
Conditions of Certification	
Special Conditions of safe use (X)	<ul style="list-style-type: none"> • As above
Conditions of manufacture	<ul style="list-style-type: none"> • None

This document is issued based on Mining And Surface Certification's Standard Contract terms and conditions available on request.

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MASC takes no responsibility for any non-conformances, exclusions or any results / assessments / inspections not in compliance with the standards. By marking the equipment in accordance with the documentation / standard, the manufacturer / applicant attests on his own responsibility that the equipment / installation has been designed and constructed in accordance with the applicable requirements of the relevant standards and documentation, that the routine verifications / routine tests have been correctly completed and the equipment / installation complies with the documentation and standard(s).

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