



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 09ATEX1092X** Issue: **0**

4 Equipment: **Type TC Range of Cable Glands**

5 Applicant: **CMP Products Limited**

6 Address: 36 Nelson Way
Nelson Park Way
Cramlington
NE23 1WH
UK

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.


9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2006 EN 60079-1:2007 EN 60079-7:2007
EN 61241-0:2006 EN 61241-1:2004
IEC 60079-0:2007 was used for guidance in respect of marking

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:

 II 2GD
Ex d IIC/ Ex e IIC Gb
Ex ta IIIC Da

Project Number 51L17461
C. Index 07

C Ellaby
Certification Officer

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

**Sira 09ATEX1092X
Issue 0**

13 DESCRIPTION OF EQUIPMENT

The devices are designed to be threaded into suitably certified enclosures to permit the entry of un-armoured cables. Each gland comprises a threaded front item housing an elastomeric sealing ring assembly. The assembly is compressed by a threaded rear nut. The metallic parts may be manufactured in the following materials:

- Brass CuZn39Pb
- Aluminium LM25 or 6082 T6
- Stainless steel grade 316
- Mild steel grade 220M07

Gland / seal sizes are proportional to the cable outer diameter as shown in the table below:

Size	Cable range (mm)
20s	3.2 – 7.0
20*	6.5 – 14.0
25*	11.1 – 20.0
32*	17.0 – 26.3
40*	23.5 – 32.2

Size	Cable range (mm)
50s*	31.0 – 38.2
50	35.6 – 44.1
63s	41.5 – 50.1
63	47.2 – 56.0

Size	Cable range (mm)
75s	54.0 – 62.0
75	61.1 – 68.0
90	66.6 – 80.0
100	76.0 – 90.0

* removable insert

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	24 April 2009	R51L17461A	The release of the prime certificate.

15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

- 15.1 The glands shall only be fitted to enclosures where the temperature, at the point of mounting, is below 110°C.
- 15.2 The cable shall be effectively clamped as close as possible to the gland.
- 15.3 When used for 'Ex e' (IP54) or 'Ex ta' (IP6X) applications the user shall provide a suitable interface seal between the gland and associated enclosure to maintain the appropriate level of ingress protection.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF CERTIFICATION

- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.
- 17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

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Sira Certification Service

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Certificate Annexe

Certificate Number: Sira 09ATEX1092X
Equipment: Type TC Range of Cable Glands
Applicant: CMP Products Limited



Issue 0

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
GA204	1 of 1	00	06 Apr 09	TC general arrangement
SCH0234	1 of 1	02	06 Apr 09	Seal details

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