



1 **EC TYPE-EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 09ATEX1034U** Issue: **0**

4 Component: **MA/FT Flange Adaptors**

5 Applicant: **CMP Products Limited**

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

7 This component and any acceptable variation thereto are 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component 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:

IEC 60079-0:2007

EN 60079-1:2007

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any special conditions for safe use are listed in the schedule to this certificate.

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

12 The marking of the component shall include the following:



I M2
Ex d I Mb

C Ellaby
Certification Officer

Project Number 51L19420
C. Index 07

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

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13 DESCRIPTION OF COMPONENT

The MA/TF range of adaptors are manufactured from brass and comprise a body with spigot portion and co-axial thread. The devices are provided with a male spigot/female thread to allow the fitting of threaded cable entry devices to flameproof 'Ex d' enclosures with a mating spigot aperture machined. The devices are fitted by means of two appropriately sized fasteners. The following sizes are available:

Gland title & size	Spigot entry diameter (mm)	Equipment entry hole diameter		Maximum entry thread
		Min. (mm)	Max. (mm)	
CMP 20S MA/FT	19.05	19.1	19.35	M20 x 1.5
CMP 20 MA/FT	19.05	19.1	19.35	M20 x 1.5
CMP 25 MA/FT	25.4	25.45	25.7	M25 x 1.5
CMP 32 MA/FT	31.75	31.8	32.05	M32 x 1.5
CMP 40 MA/FT	38.1	38.15	38.4	M40 x 1.5
CMP 50S MA/FT	50.8	50.85	51.1	M50 x 1.5
CMP 50 MA/FT	50.8	50.85	51.1	M50 x 1.5
CMP 63S MA/FT	63.5	63.55	63.8	M63 x 1.5
CMP 63 MA/FT	63.5	63.55	63.8	M63 x 1.5
CMP 75S MA/FT	76.2	76.25	76.5	M75 x 1.5
CMP 75 MA/FT	76.2	76.25	76.5	M75 x 1.5

Design options:

Alternative metallic materials of manufacture: Mild steel
Stainless steel

Alternative entry threads: ET Conduit - BS31:1940(1979)
PG - DIN 40430:1971
BSPP – BS2779:1973
BSPT – BS21:1985
ISO – ISO 7/1:1982
NPT – USAS B2.1-1989
NPT – ANSI/ASME B1.20.2-1983
NPSM - ANSI/ASME B1.20.1-1983

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	18 April 2007	R51L19420A	The release of prime certificate.

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15 SPECIAL CONDITIONS FOR SAFE USE

15.1 The wall of the enclosure, into which male spigot devices are fitted, shall be provided with a mating aperture with a flamepath of at least 14.7 mm length

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.

Certificate Annexe

Certificate Number: Sira 09ATEX1034U
Component: MA/FT Flange Adaptors
Applicant: CMP Products Limited



Issue 0

Number	Sheet	Rev.	Date	Description
GA222	1 of 1	01	17 Feb 09	Blank and adaptor flanges

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