



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: issue No.:

Status:

Date of Issue: Page 1 of 4

Applicant: **CMP Products Limited**
Glasshouse Street
St Peters
Newcastle upon Tyne NE6 1BS
United Kingdom

Electrical Apparatus: **Type MA/FT Flange Adaptors**
Optional accessory:

Type of Protection: **Flameproof**

Marking: **Ex d I Mb**

Approved for issue on behalf of the IECEx Certification Body: **C Ellaby**

Position: **Certification Officer**

Signature:
(for printed version)

Date:

2009-06-05

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 the Official IECEx Website.

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



IECEX Certificate of Conformity

Certificate No.: IECEx SIR 09.0024U

Date of Issue: 2009-06-05

Issue No.: 0

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Manufacturer: **CMP Products Limited**
Glasshouse Street
St Peters
Newcastle upon Tyne NE6 1BS
United Kingdom

Manufacturing location(s):

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 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:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

This Certificate does not indicate compliance with electrical 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 Report:

GB/SIR/ExTR09.0063/00

Quality Assessment Report:

GB/SIR/QAR07.0009/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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

CONDITIONS OF CERTIFICATION: NO



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EQUIPMENT(continued):

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

Special point for noting

The User shall comply with the following special point for noting:

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.



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

**Sira 09ATEX1034U
Issue 0**

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
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CMP 32 MA/FT	31.75	31.8	32.05	M32 x 1.5
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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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Sira Certification Service
Rake Lane, Eccleston, Chester, CH4 9JN, England

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Web: www.siracertification.com



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 09ATEX1034U
Issue 0

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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