



EU Type Examination Certificate CML 18ATEX1333U Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **MA/B Blanking Flanges**
- 3 Manufacturer **CMP Products Ltd**
- 4 Address **36 Nelson Way,
Nelson Park East,
Cramlington, NE23 1WH,
United Kingdom**
- 5 The component is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component 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.
- 7 The 'U' suffix after the certificate number indicates that the component is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

The examination and test results are recorded in the confidential reports listed in Section 12.

EN 60079-0:2018 EN 60079-1:2014

- 10 The equipment shall be marked with the following:



Ex db I Mb



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11 Description

The MA/B Blanking Flanges are manufactured from brass and are intended to blank off flameproof 'Ex d' enclosure entry apertures without compromising the explosion protection. They consist of a male non-threaded spigot portion, which is intended to be fastened into an entry point of its associated enclosure by two appropriately sized fasteners. The following sizes are available:

Gland title & size	Spigot entry diameter (mm)	Equipment entry hole diameter	
		Min. (mm)	Max. (mm)
CMP 20S MA/B	19.05	19.1	19.35
CMP 20 MA/B	19.05	19.1	19.35
CMP 25 MA/B	25.4	25.45	25.7
CMP 32 MA/B	31.75	31.8	32.05
CMP 40 MA/B	38.1	38.15	38.4
CMP 50S MA/B	50.8	50.85	51.1
CMP 50 MA/B	50.8	50.85	51.1
CMP 63S MA/B	63.5	63.55	63.8
CMP 63 MA/B	63.5	63.55	63.8
CMP 75S MA/B	76.2	76.25	76.5
CMP 75 MA/B	76.2	76.25	76.5

Design options:

Alternative metallic materials of manufacture: Mild steel and Stainless steel

Notes:

- Sira 09ATEX1035U and IECEx SIR 09.0025U are superseded by this certificate.
- The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 09ATEX1035U and IECEx SIR 09.0025U.
- Where Sira 09ATEX1035U and IECEx SIR 09.0025U is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	28 Mar 2019	R12060E/00	Issue of Prime Certificate

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

None.



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14 Schedule of Limitations

The following conditions relate to safe installation and/or use of the equipment.

- i. The wall of the associated enclosure shall be provided with a mating aperture of at least 14.7 mm in length such as to provide a flamepath with a minimum length of 12.5 mm and of diameter in accordance with the following dimensions:

Gland title & size	Equipment entry hole diameter	
	Min. (mm)	Max. (mm)
CMP 20S MA/B	19.1	19.35
CMP 20 MA/B	19.1	19.35
CMP 25 MA/B	25.45	25.7
CMP 32 MA/B	31.8	32.05
CMP 40 MA/B	38.15	38.4
CMP 50S MA/B	50.85	51.1
CMP 50 MA/B	50.85	51.1
CMP 63S MA/B	63.55	63.8
CMP 63 MA/B	63.55	63.8
CMP 75S MA/B	76.25	76.5
CMP 75 MA/B	76.25	76.5



Certificate Annex

Certificate Number CML 18ATEX1333U
Equipment MA/B Blanking Flanges
Manufacturer CMP Products Ltd

The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
GA222	1 of 1	02	28 Mar 2019	ATEX Blank & Adaptor Flanges