



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.: IECEx SIR 07.0056X issue No.:0 Certificate history:.....

Status: **Current**

Date of Issue: **2007-08-31** Page 1 of 3

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

Electrical Apparatus: **Type 747, 757, 767 Ranges of Stopping Plugs**
Optional accessory:

Type of Protection: **Flameproof, increased safety and dust**

Marking: **Type 747 range**
Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X
Type 757 range
Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X
Type 767 range
Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X

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

Position: Certification Officer

Signature:
(for printed version)

Date: **2007-08-31**

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](http://www.iecex.com).

Certificate issued by:

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

sira
CERTIFICATION



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Manufacturer: **CMP Products Limited**
Glasshouse Street
St Peters
Newcastle upon Tyne NE6 1BE
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 manufacture'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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR07.0064/00](#)

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 **Type 747**, the **Type 757** and the **Type 767 Ranges** of Stopping Plugs are fully defined in the Annexe of this certificate.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. Types 747, 757 & 767 Non metallic Stopping Plugs shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -20°C to +60°C.
2. The stopping plugs shall be assembled in such a way that their protrusion from an associated enclosure is not increased.
3. Refer to the manufacturer's instructions for the action necessary regarding electrostatic risk.
4. Types 747, 757 & 767 Non metallic Stopping Plugs shall not be used in group I applications.

Annexe to: IECEx SIR 07.0056X
Applicant: CMP Products Ltd
Apparatus: Type 747 Range of Stopping Plugs
Type 757 Range of Stopping Plugs
Type 767 Range of Stopping Plugs



The **Type 747 Range** of Stopping Plugs are manufactured from metallic and non-metallic material and comprise a cylindrical body with an external male thread along its length with the exception of a portion at one end. Each has a socket head recess to allow fitting and removal. The Stopping Plugs are available in two forms designated as either non-tamperproof or tamperproof by the manufacturer. When fitted into an enclosure, the socket head recess of the non-tamperproof version is accessible from the outside, whilst the socket head recess of the tamperproof version is only accessible from the inside.

The **Type 757 Range** of Stopping Plugs are manufactured from metallic and non-metallic material and comprise a cylindrical body with an external male thread along its length with the exception of a hexagonal head at one end. The body may also be fitted with an integral 'O' ring seal.

The **Type 767 Range** of Stopping Plugs are manufactured from metallic and non-metallic material and comprise a cylindrical body with an external male thread along its length with the exception of a lipped portion to one end. The face of the lipped portion contains a socket head recess to allow fitting and removal. The body may also be fitted with an integral 'O' ring seal.

Products can be marked with one or more of the following marking codes:

The Type 747 Range: Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X
The Type 757 Range: Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X
The Type 767 Range: Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21 IP6X

Note: Non-metallic products are not suitable for Ex d I and Ex e I applications and are not marked with this information.

Threadform sizes for the Type 747, 757 and 767 range of Stopping Plugs:

M16 x 1.5 (metallic sizes only)	Alternative nearest	ET Conduit - BS 31:1940 (1979)
M20x 1.5	equivalent male thread	PG - DIN 40430:1971
M25 x 1.5	forms to the metric	BSPP - BS 2779:1973
M32 x 1.5	sizes listed above may	BSPT - BS 21:1985
M40 x 1.5	be utilised from the	ISO - ISO 7/1:1982
M50 x 1.5	following types:	NPT - ANSI/ASME B1.20.1-1983
M63 x 1.5		NPT - USAS B2.1.20.1-1968 (Metallic designs only)
M75 x 1.5		NPSM - ANSI/ASME B1.20.1-1983
M90 x 2.0		BSW - BS 84:1956 (Metallic designs only)

Alternative materials of manufacture for the Type 747, 757 and 767 range of Stopping Plugs:

Brass - BS EN 12164:1998/BS1400
Aluminium - BS EN 755 Part 6:1996/BS EN 1706 (Not Group I)
Mild Steel - BS EN 10088 Part 3:1995
Stainless Steel - BS EN 10088 Part 3:1995
Glass reinforced flame retardant nylon