



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 BAS 06.0029U

Issue No: 4

Certificate history:

Status: **Current**

Issue No. 4 (2017-08-25)

Issue No. 3 (2013-08-13)

Date of Issue: **2017-08-25**

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Issue No. 2 (2012-01-12)

Issue No. 1 (2008-10-14)

Issue No. 0 (2006-08-07)

Applicant: **Hawke International**
A Division of Hubbell Ltd.
A member of the Hubbell Group of Companies
Oxford Street West
Ashton-under-Lyne, Lancashire
OL7 0NA
United Kingdom

Equipment: **Type 387 Range of Stopping Plugs**

Optional accessory:

Type of Protection: **Increased Safety and Dust Protection by Enclosure**

Marking:
Ex eb IIC Gb
Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

R S Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:



29/8/17

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:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire, SK17 9RZ
United Kingdom





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Manufacturer: **Hawke International**
A Division of Hubbell Ltd.
A member of the Hubbell Group of Companies
Oxford Street West
Ashton-under-Lyne, Lancashire
OL7 0NA
United Kingdom

Additional 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*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/BAS/ExTR06.0034/00	GB/BAS/ExTR08.0205/00	GB/BAS/ExTR12.0003/00
GB/BAS/ExTR13.0176/00	GB/BAS/ExTR17.0221/00	

Quality Assessment Report:

[GB/BAS/QAR06.0061/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Type 387 Range of Metallic Stopping Plugs is designed for the closure of unused entries in Exe and tD enclosures. The range covers eight sizes, each of which is available with metric, electrical conduit, Pg, BSPP or NPSM threads. The sizes for the metric versions are M16, M20, M25, M32, M40, M50, M63 and M75, all with a 1.5mm pitch. The sizes for the other thread forms are appropriate equivalents.

Each plug comprises a threaded portion 15mm or 20mm long, depending on the thread type, and a larger diameter head in the centre of which is a hexagonal socket. A nitrile o-ring set in a groove ensures efficient sealing to an associated enclosure.

The stopping plug, when fitted in equipment, is capable of meeting the requirements of IP66 and IP67.

SCHEDULE OF LIMITATIONS

1. The stopping plugs shall not be exposed to temperatures outside the range -60°C to +80°C (Nitrile O'ring) and -60°C to 160°C (Silicon O'ring).
2. NPT threaded stopping plugs shall be supplied fitted with an equivalent size NPSM locknut by Hawke International. It shall only be fitted in clearance holes and the clearance hole shall be no greater than 0.7mm above the NPT nominal diameter. The equipment wall thickness shall be between 2mm minimum and 10mm maximum and the stopping plug shall be perpendicular to the equipment face to maintain the sealing arrangement.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Variation 4.1

To confirm that the Type 387 Range of Stopping Plugs covered by this certificate has been reviewed against the requirements of IEC 60079-7: 2015 and IEC 60079-31: 2013 in respect of the differences from IEC 60079-7: 2006 and IEC 60079-31: 2008, and comply with the requirements of the latest standards.

The marking changes as follows:

Ex eb IIC Gb

Ex tb IIIC Db

ExTR: GB/BAS/ExTR17.0221/00	File Reference: 15/0107
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