



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

### Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX BAS 06.0029U**

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Certificate history:

Status: **Current**

Issue No: 5

Issue 4 (2017-08-25)

Issue 3 (2013-08-13)

Issue 2 (2012-01-12)

Issue 1 (2008-10-14)

Issue 0 (2006-08-07)

Date of Issue: 2022-08-12

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**

Ex Component: Type 387 Range of Stopping Plugs

*This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).*

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:  
(for printed version)

12/8/2022

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.
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Certificate issued by:

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





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Manufacturer: **Hawke International**  
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Oxford Street West  
Ashton-under-Lyne, Lancashire  
OL7 0NA  
**United Kingdom**

Manufacturing  
locations:

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 component 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[GB/BAS/ExTR06.0034/00](#)  
[GB/BAS/ExTR13.0176/00](#)

[GB/BAS/ExTR08.0205/00](#)  
[GB/BAS/ExTR17.0221/00](#)

[GB/BAS/ExTR12.0003/00](#)  
[GB/BAS/ExTR22.0112/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0061/09](#)



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**Ex Component(s) covered by this certificate is described below:**

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.



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

### Variation 5.1

To confirm that the equipment covered by this certificate has been reviewed against the requirements of IEC 60079-0: 2017 and IEC 60079-7: 2015: +Amd 1: 2017 in respect to the differences from IEC 60079-0: 2011 and IEC 60079-7: 2015. None of the differences in the standards affect this equipment. The Ex marking code remains unchanged.

### Variation 5.2

Marking modification to include associated UKEX information.

### Variation 5.3

Minor drawing modification.

ExTR: **GB/BAS/ExTR22.0112/00**

File Reference: **22/0214**