

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment or Protective System
Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **Baseefa06ATEX0118U – Issue 5**

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **TYPE 387 RANGE OF STOPPING PLUGS**

5 Manufacturer: **Hawke International**

6 Address: **A Division of Hubbell Limited, A Member of the Hubbell Group of Companies,
Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA, UK**

7 This re-issued certificate extends EC Type Examination Certificate No. Baseefa06ATEX0118U to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **See Certificate History**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN IEC 60079-7: 2015: +A1: 2018 EN 60079-31: 2014

except in respect of those requirements listed at item 18 of the Schedule.

10 The sign “U” is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

⊕ II 2G Ex eb IIC Gb ⊕ II 2D Ex tb IIIC Db

SGS Baseefa Customer Reference No. **0500**

Project File No. **22/0214**

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Authorised Signatory for SGS Fimko Oy

13 **Schedule**

14 **Certificate Number Baseefa06ATEX0118U – Issue 5**

15 **Description of Product**

The Type 387 Range of Metallic Stopping Plugs is designed for the closure of unused entries in Ex e* and Ex t* enclosures. The range covers eight sizes, each of which is available with metric, electrical conduit, Pg, BSPP, NPT 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.

16 **Report Number**

GB/BAS/ExTR22.0112/00

17 **Schedule of Limitations**

1. The stopping plugs shall not be exposed to temperatures outside the range of :

-60°C to +80°C (Nitrile O'ring) and -60°C to 160°C (Silicone 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.

18 **Essential Health and Safety Requirements**

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
1.2.7	LVD type requirements
1.4.1	External effects
1.4.2	Aggressive substances

19 **Drawings and Documents**

Updated drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
D2570	1 of 1	G	08/08/22	Type 387 Stopping Plugs

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
NONE				

Drawings are common to Baseefa06ATEX0118U, BAS21UKEX0051U and IECEx BAS 06.0029U

20 Certificate History

Certificate No.	Date	Comments
Baseefa06ATEX0118U	09 January 2007	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0: 2004, EN 60079-7: 2003, IEC 61241-0: 2004 and EN 61241-1: 2004. The marking was as follows: Ex II 2 GD Exe II Ex tD A21 This is documented in Report No. GB/BAS/ExTR06.0034/00.
Baseefa06ATEX0118U/1	09 October 2008	Minor drawing modifications. This is documented in Report No. GB/BAS/ExTR08.0205/00.
Baseefa06ATEX0118U/2	06 January 2012	Variation 2.1: To add alternative thread type NPT. Variation 2.2: To confirm that the equipment covered by this certificate has been reviewed against the requirements of IEC 60079-0: 2011, EN 60079-7: 2007 and EN 60079-31: 2009 in respect of the differences from EN60079-0: 2004, EN 60079-7: 2003, IEC 61241-0: 2004 and EN 61241-1:2004, and the equipment has been assessed and is in compliance with the requirements of the latest standards. The marking changed as follows: Ex II 2GD Ex e IIC Gb Ex tb IIIC Db This is documented in Report No. GB/BAS/ExTR12.0003/00.
Baseefa06ATEX0118U/3	07 August 2013	Variation 3.1: Minor drawing modifications regarding the permissible length of the centre broached hole in the stopping plug body. Variation 3.2: To add a 3 1/2" NPT stopping plug to the range. This is documented in Report No. GB/BAS/ExTR13.0176/00.
Baseefa06ATEX0118U/4	25 August 2017	To confirm that the Type 387 Range of Stopping Plugs covered by this certificate have been reviewed against the requirements of EN 60079-0: 2012+A11: 2013, EN 60079-7: 2015 and EN 60079-31: 2014 in respect of the differences from IEC 60079-0: 2011, EN 60079-7: 2007, and EN 60079-31: 2009, and comply with the requirements of the latest standards. The marking changed as follows: Ex II 2G Ex eb IIC Gb Ex II 2D Ex tb IIIC Db This is documented in Report No. GB/BAS/ExTR17.0221/00.
Baseefa06ATEX0118U Issue 5	8 August 2022	Variation 5.1: This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate and confirms the current design meets the requirements of EN IEC 60079-0: 2018 and EN IEC 60079-7: 2015: +A1: 2018 Variation 5.2: Marking modification to include associated UKEX information. Variation 5.3: Minor drawing modification. The Ex marking code remains unchanged. This is documented in GB/BAS/ExTR22.0112/00.
For drawings applicable to each issue, see original of that issue.		