



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment or Protective System**
3 **Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa06ATEX0118U**

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

5 Manufacturer: **Hawke International**

6 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA**

7 This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd., Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR06.0034/00**

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

EN 60079-0: 2004 EN 60079-7: 2003 IEC 61241-0: 2004 EN 61241-1: 2004

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

12 The marking of the component shall include the following :

 **II 2 GD Exe II Ex tD A21**

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0500**

Project File No. **04/0910**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305578 at the above address


R S SINCLAIR

DIRECTOR
On behalf of
Baseefa (2001) Ltd.

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Schedule

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Certificate Number Baseefa06ATEX0118U

15 Description of Component

The Type 387 Range of 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 16mm, 20mm, 25mm, 32mm, 40mm, 50mm, 63mm and 75mm all with 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 or silicone rubber o-ring set in a groove ensures efficient sealing to an associated enclosure.

The stopping plug when fitted in the equipment as specified on Drawing Number D2570, is capable of meeting the requirements of IP66 and IP67.

16 Report Number

GB/BAS/ExTR06.0034/00

17 Schedule of Limitations

1. Stopping plugs shall not be exposed to temperatures outside the range -60°C to $+80^{\circ}\text{C}$ when fitted with a nitrile o-ring.
2. Stopping plugs shall not be exposed to temperatures outside the range -60°C to $+160^{\circ}\text{C}$ when fitted with a silicone o-ring.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
D2570	B	07/08/06	General Arrangement
D2571 Metric	A	26/03/01	Metric dimensions
D2571 ET	A	26/03/01	ET dimensions
D2571 Pg	A	26/03/01	Pg dimensions
D2571 BSPP	A	26/03/01	BSPP dimensions
D2571 NPSM	A	26/03/01	NPSM dimensions

All drawings are common to and held on IECEx BAS 06.0029U



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment**
3 **Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

3 Supplementary EC - Type **Baseefa06ATEX0118U/1**
Examination Certificate Number:

4 Component: **Type 387 Range of Stopping Plugs**

5 Manufacturer: **Hawke International**

6 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa06ATEX0118U to apply to components 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.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.


Baseefa Customer Reference No. 0500

Project File No. 07/0652

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Registered in England No. 4305578. Registered address as above.


PP R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa06ATEX0118U/1

15 **Description of the variation to the Component**

Variation 1.1

Minor drawing changes.

16 **Report Number**

GB/BAS/ExTR08.0205/00

17 **Schedule of Limitations**

None

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
*D2570	1 of 1	C	14/08/08	ATEX 387 Stopping Plug General Arrangement

The drawings marked with * are common to, and held on, IECEx BAS 06.0029U issue1.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment**
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC

3 Supplementary EC - Type Examination Certificate Number: **Baseefa06ATEX0118U/2**

4 Component: **Type 387 Range of Stopping Plugs**

5 Manufacturer: **Hawke International**

6 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa06ATEX0118U to apply to components 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 Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

IEC 60079-0: 2011 EN 60079-7: 7 EN 60079-31: 2009

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

9 The marking of the equipment has changed from the original Certificate and shall include the following:

⊕ II 2GD Ex e IIC Gb Ex tb IIC Db

This certificate shall be held with the original certificate and may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **0500**

Project File No. **11/1021**

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DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa06ATEX0118U/2

15 Description of the variation to the Component

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 is now as follows:

⊕ II 2GD Ex e IIC Gb Ex tb IIIC Db

16 Report Number

GB/BAS/ExTR12.0003/00

17 Schedule of Limitations

As listed previously and as follows:

1. 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

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
D2570	---	D	19/12/11	ATEX 387 stopping plug general arrangement
D2571	---	A	19/12/11	ATEX 387 NPT stopping plug

All drawings are common to and held on IECEx BAS 06.0029U

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment**
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC

3 Supplementary EC - Type Examination Certificate Number: **Baseefa06ATEX0118U/3**

4 Component: **Type 387 Range of Stopping Plugs**

5 Manufacturer: **Hawke International**

6 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA, UK**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa06ATEX0118U to apply to components 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.

This supplementary certificate shall be held with the original certificate.

Baseefa Customer Reference No. **0500**

Project File No. **13/0642**

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PPR S SINCLAIR MLOWNEY
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa06ATEX0118U/3**

15 **Description of the variation to the Component**

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 ½" NPT stopping plug to the range.

16 **Report Number**

GB/BAS/ExTR13.0176/00.

17 **Schedule of Limitations**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
D2570	1 of 1	D	08/01/13	ATEX 387 Stopping Plug G.A.
D2571 NPT	1 of 1	B	30/07/13	ATEX 387 NPT Stopping Plug

1 SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE

**2 Component Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 Supplementary EU - Type Examination Certificate Number: Baseefa06ATEX0118U/4

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**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa06ATEX0118U to apply to products 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 Baseefa, Notified Body number 1180, 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.

9 Item 9 of the original Certificate is replaced by “Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2012 + A11: 2013 EN 60079-7: 2015 EN 60079-31: 2014

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

12 The marking of the component has changed from the original Certificate and 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. **15/0107**

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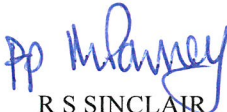
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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited



13

Schedule

14

Certificate Number Baseefa06ATEX0118U/4

15 Description of the variation to the Product

Variation 4.1

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 changes as follows:

⊕ II 2G Ex eb IIC Gb

⊕ II 2D Ex tb IIIC Db

16 Report Number

GB/BAS/ExTR17.0221/00

17 Specific Conditions of Use

None additional to those listed previously

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Issue	Date	Description
Changed drawings:			
D2570	E	21/08/17	387 stopping plug general arrangement

This drawing is held with IECEx BAS 06.0029U and common to Baseefa06ATEX0118U.