



## EC - TYPE EXAMINATION CERTIFICATE

### Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

- 3 EC - Type Examination Certificate Number: **Baseefa11ATEX0157X**
- 4 Equipment or Protective System: **390 Increased Safety Stopping Plug**
- 5 Manufacturer: **Hawke International (A Division of Hubbell Limited)**
- 6 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, OL7 0NA**
- 7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 Baseefa, Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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/ExTR11.0164/00**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0: 2009, EN 60079-7: 2007 and EN 60079-31: 2009**  
except in respect of those requirements listed at item 18 of the Schedule.
- 10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- 11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- 12 The marking of the equipment or protective system shall include the following :
- I M2,II 2GD Exe I Mb, ExeIIC Gb and Extb IIC Db (-60°C to +80°C or -60°C to +160°C-60°C to +200°C) see schedule**  
or  
**Ex II 2GD, ExeIIC Gb and Extb IIC Db (-60°C to +80°C or -60°C to +160°C-60°C to +200°C) see schedule**  
When manufactured in aluminium

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

Baseefa Customer Reference No. **0500**

Project File No. **11/0129c**

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

A handwritten signature in black ink, appearing to read "R S Sinclair".

### Baseefa

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa Ltd  
Registered in England No. 4305578. Registered address as above.

R S SINCLAIR  
DIRECTOR  
On behalf of  
Baseefa



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## Schedule

14

Certificate Number Baseefa11ATEX0157X

### 15 Description of Equipment or Protective System

The Type 390 Range of Stopping Plugs manufactured in brass, steel, stainless or aluminium is designed for the closure of unused entries in Exe and Ext enclosures. The range covers sizes with metric threads ranging from M16mm, to M130 other thread forms of equivalent sizes electrical conduit(ET), Pg, BSPP or NPSM may be used.

Each plug comprises a threaded portion 10mm to 15mm long as a minimum, depending on the thread type and size, and a larger hexagonal head. The underside of the hexagonal head is machined with a groove into which can be fitted, a nitrile or silicone rubber o-ring to ensure efficient sealing to an associated enclosure. The O ring groove may be omitted when the O ring is not fitted

The stopping plug when fitted with the O rings and fitted in to suitable equipment is capable of meeting the requirements of IP66

### 16 Report Number

Baseefa GB/BAS/ExTR11.0164/00

### 17 Special Conditions for Safe Use

- 1 The maximum operation temperature range of the stopping plug when fitted with a nitrile o-ring is -60°C to +80°C.
- 2 The maximum operating temperature range of the stopping plug when fitted with a silicone o-ring is -60°C to +160°C.
- 3 The maximum operating temperature range of the stopping plug when fitted with no o-ring is -60°C to +200°C.
- 4 When the stopping plug is fitted in plain holes, the sealing face of the enclosure shall be smooth and at right angles to the enclosure face where the hole is in excess of 25mm diameter in plastic enclosures consideration must be given to possible draw angle (taper) on the enclosure wall and the hole shall be no larger than 0.7mm above the major diameter of the male thread on the stopping plug. The stopping plug shall be secured with a locknut and optional locking washer.
- 5 When fitted in threaded holes the sealing face of the enclosure shall be smooth, the threaded hole shall be perpendicular to the wall of the enclosure and shall be a medium fit thread.
- 6 When the stopping plugs are used for increased safety or dust protection and no O ring seal is fitted the user shall ensure enclosure and stopping plug interface are suitably sealed, in accordance with EN 60079-14, to maintain the ingress protection rating of the associated enclosure and protection concept.

### 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
390	A	24/01/11	Exe Group 1 and Group II Hex Head Stopping Plug



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa11ATEX0157X/1**

4 Equipment or Protective System: **390 Increased Safety Stopping Plug**

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. Baseefa11ATEX0157X to apply to equipment or protective systems 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: 2007 EN 60079-31: 2009**

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

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**

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

**Baseefa**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

Baseefa is a trading name of Baseefa Ltd

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 Baseefa11ATEX0157X/1

### 15 Description of the variation to the Equipment or Protective System

#### Variation 1.1

To add alternative thread type NPT

#### Variation 1.2

To confirm that the equipment covered by this certificate has been reviewed against the requirements of IEC 60079-0: 2011 in respect of the differences from EN60079-0: 2004 and the equipment has been assessed and is in compliance with the requirements of the latest standards.

### 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.

Compliance with the Essential Health and Safety Requirements is affected as follows.

### 19 Drawings and Documents

Number	Sheet	Issue	Date	Description
390	---	B	19/12/11	Exe Group I & Group II hex head stopping plug

This drawing is common to and held on IECEx BAS 11.0079X

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa11ATEX0157X/2**

4 Equipment or Protective System: **390 Increased Safety Stopping Plug**

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. Baseefa11ATEX0157X to apply to equipment or protective systems 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:

**EN 60079-0: 2012 EN 60079-7: 2007 IEC 60079-31: 2013**

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

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. **0500**

Project File No. **13/1009**

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**SGS Baseefa Limited**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601

e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

Registered in England No. 4305578.

Registered address: Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN

  
R S SINCLAIR  
GENERAL MANAGER

On behalf of SGS Baseefa Limited

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## Schedule

14

Certificate Number Baseefa11ATEX0157X/2

15 **Description of the variation to the Equipment or Protective System**

### Variation 2.1

To confirm that the stopping plugs covered by this certificate have been reviewed against the requirements of EN 60079-0: 2012 and IEC 60079-31: 2013 in respect of the differences from IEC 60079-0: 2011 and EN 60079-31:2009, and the equipment has been assessed and is in compliance with the requirements of the latest standards. The marking remains unchanged.

### Variation 2.2

Minor drawing modifications regarding o-ring size, o-ring groove position and hexagon size.

### Variation 2.3

Add alternative silicone o-ring.

16 **Report Number**

GB/BAS/ExTR14.0004/00

17 **Specific Conditions of Use**

As 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
390	1 of 1	C	05/02/14	Exe Group I & Group II Hex head stopping plug

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa11ATEX0157X/4**  
Examination Certificate Number:

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: **390 Increased Safety Stopping Plug**

5 Manufacturer: **Hawke International (A Division of Hubbell Limited)**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa11ATEX0157X** 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 equipment has changed from the original Certificate and shall include the following:

⊕ I M2 Ex eb I Mb

⊕ II 2 GD Ex eb IIC Gb (-60°C to +80°C or -60°C to +160°C or -60°C to +200°C) see schedule  
Ex tb IIC Db

or

⊕ II 2 GD Ex eb IIC Gb  
Ex tb IIC Db (-60°C to +80°C or -60°C to +160°C or -60°C to +200°C) see schedule  
when manufactured from aluminium

SGS Baseefa Customer Reference No. **0500**

Project File No. **16/0801**

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**SGS Baseefa Limited**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601

e-mail [baseefa@sgs.com](mailto:baseefa@sgs.com) web site [www.sgs.co.uk/baseefa](http://www.sgs.co.uk/baseefa)

Registered in England No. 4305578.

Registered address: Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN

Re-issued 31<sup>st</sup> January 2017 to replace original

  
R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa11ATEX0157X/4**

15 **Description of the variation to the Product**

**Variation 4.1**

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0:2012+A11:2013, EN 60079-7:2015 and EN 60079-31:2014 in respect of differences from the standards to which this certificate was issued; none of these differences affect this equipment, other than the code marking requirements which have been addressed.

16 **Report Number**

SGS Baseefa Report Reference Number: - GB/BAS/ExTR16.0322/00

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 affected as follows.

Clause	Subject	Compliance
1.2.7	LVD type requirements	Standards require manufacturer's declaration, supplied.
1.2.8	Overloading of equipment (protection relays, etc.)	Covered by installation rules and manufacturer's instructions
1.4.1	External effects	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions
1.4.2	Aggressive substances, etc.	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
390	1 & 2	E	23/11/2016	General Assembly - Hex Head Stopping Plug

This drawing is common to this certificate and held with IECEx BAS 11.0079X.