



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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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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RS Sinclair
M. Powney
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.