



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**

4 EC - Type Examination Certificate Number: **Baseefa06ATEX0116U**

5 Component: **ZPL6** Range of Enclosures**

6 Manufacturer: **Hawke International**

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

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

9 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/ExTR06.0032/00**

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

EN 60079-0:2004, EN60079-7:2003, EN 61241-0: 2004, EN 61241-1: 2004

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

11 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.

12 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.

The marking of the component shall include the following :

 **II 2GD 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. **04/0902**

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.

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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.

13

Schedule

14

Certificate Number Baseefa06ATEX0116U

15 Description of Component

The ZPL6** Range of Enclosures are square or rectangular enclosures moulded from glass reinforced polyester. The enclosures are available in the following sizes:

Enclosure	length (mm)	width (mm)	height (mm)
ZPL 612	120	120	74
ZPL 615	150	150	94
ZPL 620	200	200	127
ZPL 630	300	300	127
ZPL 626	260	160	106.5

The enclosures comprise of two parts. The base with moulded external mounting lugs at each corner and the removable cover secured by 4 screws retained in the cover by nylon washers or a special moulding in the lid. The cover fixings screw into moulded inserts at the corners of the body. The inserts may alternatively be clipped or glued in position where applicable.

Ingress protection of at least IP66 and IP67 is achieved by the use of a silicone O-ring located in a groove in the cover which is compressed on assembly of the cover and base by a moulded protruding lip on the base. Controlled compression is achieved by suitable selection of the depth of cover groove and height of base lip.

Brass or stainless steel inserts are provided in the base for fixing internal components. Any of the sides of the enclosure, including the base and lid, may be drilled and tapped or drilled with clearance holes for cable entries. The maximum number, size and allowed location of these holes is defined on the relevant drawings listed below.

Provision is made for up to four extra optional blind holes on either the cover or the base, or both, for the purpose of fixing additional labels on all 5 enclosure sizes.

The marking details may be embossed into the lid in a recess of up to 1mm depth on the ZPL612, ZPL615, ZPL620 and ZPL630 enclosures.

The enclosures may be fitted with either a flat metallic mounting plate or an earth continuity plate which is a cruciform shape with four folded up stands with punchings for cable entry devices in the up stands. The earth continuity plate may also consist of metal up stands riveted or welded to a metal base plate or simply just the up stands on their own. Both the mounting plate and the earth continuity plate are suitably drilled and punched where appropriate for mounting to the enclosure base and for the mounting of enclosure components. Screws and washers are used to secure the plate to the base of the enclosure using the moulded-in inserts provided in the base.

The enclosure may additionally be fitted with an external/internal earth stud assembly covered by BASEEFA Certificate No. BAS01ATEX2111U.

The enclosures may be coated with an electromagnetic interference shielding material. The coating is either nickel or silver and may be applied internally, externally or both and may include a decorative black polyurethane finish. Both materials are held in a polyurethane resin binder. This coating is carried out by Hawke International.

When enclosures are externally EMC coated an internal/external earth stud assembly is always fitted.



The enclosures are normally black but may be produced in alternative colours by coating with an acrylic or epoxy (xylene solvent based) paint finish. The customer may paint the enclosure in accordance with procedures supplied by Hawke International.

Variation One

When required a component approved breather, drain or breather-drain, as shown below, may be fitted to the enclosure as specified in the certification documents.

16 Report Number

GB/BAS/ExTR06.0032/00

17 Schedule of Limitations

1. Only the following breather is approved for use with these enclosures:-

Manufacturer and type	Certificate No.	Code	Dust IP rating
Redapt	SIRA 99 ATEX 3050U	EE _x c I/II, (Enclosure ambient reduced to -50°C)	6

2. The breathers must be installed in their correct orientation in the bottom face of the enclosure.

3. The enclosures shall not be exposed to temperatures outside the range -60°C to 75°C.

4. Unused entry holes must be fitted with the following stopping plugs:
Hawke Type 375 to Baseefa06ATEX0236U / IECEx BAS 06.0056U
Hawke Type 387 to Baseefa06ATEX0118U / IECEx BAS 06.0029U
Redapt Type PD-E-4 to Sira00ATEX3091 and Type PD-U to Sira00ATEX1094
Raxton Type Ck, CQ, CF and CB to Sira00ATEX1073U.

The enclosure is limited to the temperature range of the stopping plug fitted.

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	Sheet	Issue	Date	Description
C2541	-	D	01/08/06	ZPL6** General Arrangement
9002	-	C	01/08/06	ZPL626 General Arrangement/Certification Drawing
B2551	sht1	C	05/07/06	PL612 Base
B2551	sht2	B	05/07/06	PL612 Lid
B2552	sht1	C	05/07/06	PL615 Base
B2552	sht2	B	05/07/06	PL615 Lid
B2553	sht1	B	05/07/06	PL620 Base
B2553	sht2	B	05/07/06	PL620 Lid
B2554	sht1	B	05/07/06	PL630 Base
B2554	sht2	B	05/07/06	PL630 Lid
9047	-	B	06/07/06	PL626 Base
9048	-	B	06/07/06	PL626 Lid

All drawings are common to and held on IECEx BAS 06.0027U



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 **Baseefa06ATEX0116U/1**
Examination Certificate Number:

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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. 07/0143

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.

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On behalf of
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Schedule

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Certificate Number Baseefa06ATEX0116U/1

15 Description of the variation to the Component

To allow the use of an alternative hollow section silicone rubber o-ring. When fitted the enclosures are suitable for an ingress protection rating of IP66, IP67 and IP68 at 3 metres for 3 hours.

16 Report Number

GB/BAS/TR07.0030/00

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	Issue	Date	Description
C2541	E	14/02/07	ZPL6 General Arrangement
9002	D	14/02/07	ZPL626 General Arrangement

All drawings are common to BAS01ATEX2101U and common to and held on IECEx BAS 06.0027U



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: **Baseefa06ATEX0116U/2**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. 0500

Project File No. 09/0339

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

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Certificate Number Baseefa06ATEX0116U/2

15 Description of the variation to the Component

Variation 2.1

To change the body moulding arrangement to allow the use a brass lid fixing insert Bollhoff Expansionsert Type 0230 size M6 x 12.5mm long in the body of the ZPL620 and ZPL630 enclosures.

Variation 2.2

To allow corner radii on the mounting feet of the ZPL620 and ZPL630 enclosures.

16 Report Number

GB/BAS/TR09.0075/00

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
B2553	1	C	06/03/09	PL620 body detail fitted with Bollhoff lid fixing inserts
B2554	1	C	06/03/09	PL630 body detail fitted with Bollhoff lid fixing inserts



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: **Baseefa06ATEX0116U/3**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. **0500**

Project File No. **09/1028**

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Certificate Number Baseefa06ATEX0116U/3

15 Description of the variation to the Component

Variation 3.1

To include an optional M6 or M8 brass or stainless steel internal/external earth stud, fitted by Hawke International.
The Ingress Protection Rating is IP66.

16 Report Number

GB/BAS/TR09.0258/00

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
C2541	1	F	17/12/09	ZPL6 General Arrangement
9002	1	E	17/12/09	ZPL626 General Arrangement

All drawings common to and held on IECEx BAS 06.0027U



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: **Baseefa06ATEX0116U/4**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. **0500**

Project File No. **10/0532**

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DIRECTOR
On behalf of
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Certificate Number Baseefa06ATEX0116U/4

15 Description of the variation to the Component

Variation 4.1

To allow the use of the following stopping plug:

Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	387/1	Sira06ATEX1240U Operating Temperature -20°C to +60°C	IP66

16 Report Number

GB/BAS/TR10.0155/00

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
C2541	1	G	01/07/10	ZPL6 General Arrangement
9002	1	F	01/07/10	ZPL626 General Arrangement

All drawings common to and held on IECEx BAS 06.0027U



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 Examination Certificate Number: **Baseefa06ATEX0116U/5**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. **0500**

Project File No. **10/0718**

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Certificate Number Baseefa06ATEX0116U/5

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

Variation 5.1

Addition of further Schedule of Limitation regarding closing of unused entries

16 **Report Number**

GB/BAS/TR10.0270

17 **Additional Schedule of Limitations**

Unused entries may be fitted with alternative stopping plugs and or breather drains to those listed in the schedule. The user is responsible for ensuring that the protection concept, temperature class and relevant IP rating are maintained.

18 **Essential Health and Safety Requirements**

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

19 **Drawings and Documents**

None



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 Examination Certificate Number: **Baseefa06ATEX0116U/6**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. **0500**

Project File No. **11/0119**

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On behalf of
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Schedule

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Certificate Number Baseefa06ATEX0116U/6

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

Variation 6.1

To add the IES range of internal/external earth studs & ES range of external earth studs to Baseefa Certificate Number Baseefa09ATEX0039U and IECEx BAS 09.0013U.

16 **Report Number**

GB/BAS/TR11.0044/00

17 **Additional 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**

None



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: **Baseefa06ATEX0116U/7**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. **0500**

Project File No. **11/0251**

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Certificate Number Baseefa06ATEX0116U/7

15 Description of the variation to the Component

Variation 7.1

To add optional bespoke entry holes for suitable equipment certified bulkhead fittings.

16 Report Number

GB/BAS/TR11.0186/00

17 Additional Schedule of Limitations

As those listed previously and as follows:

1. The bulkhead fitting shall have a maximum projection length from the enclosure wall of 60mm. The user is responsible for ensuring that the service temperature range and IP rating of the enclosure are not compromised by installation of the bulkhead fitting.

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
9650	1 of 1	A	21/02/11	PL615 special connector entry layout
9651	1 of 1	A	21/02/11	PL630 special connector entry layout

All drawings common to and held on IECEx BAS 06.0027U



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: **Baseefa06ATEX0116U/8**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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.

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Baseefa Customer Reference No. **0500**

Project File No. **12/0153**

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Certificate Number Baseefa06ATEX0116U/8

15 Description of the variation to the Component

Variation 8.1

To add alternative M6, M8 or M10 internal/external metallic earth stud complete with o-ring sealing arrangement.

16 Report Number

GB/BAS/TR12.0054/00

17 Additional 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
* C2541	---	H	09/02/12	ATEX general arrangement type ZPL6 series empty enclosures
* 9002	1 of 1	G	09/02/12	ZPL626 empty enclosure certification drawing
** 9462	1 of 1	A	04/04/12	Earth stud assembly detail
** 9463	1 of 1	A	16/02/12	Earth stud details all sizes

* Drawings are held on IECEx BAS 06.0027U and common to Baseefa06ATEX0116U

** Drawings are held on IECEx BAS 06.0027U and common to:

Baseefa06ATEX0116U, IECEx BAS 08.0090U, Baseefa08ATEX0271U, IECEx BAS 09.0015U and Baseefa09ATEX0108U



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 Examination Certificate Number: **Baseefa06ATEX0116U/9**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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: 2007 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 IIIC Db IP66 and IP67

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. **12/0352**

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Certificate Number Baseefa06ATEX0116U/9

15 Description of the variation to the Component

Variation 9.1

To confirm that the equipment covered by this certificate has been reviewed against the requirements of IEC 60079-0: 2011, EN 60079-7: 2007, EN 60079-31: 2009 in respect of the differences from EN 60079-0: 2004, EN 60079-7: 2003, EN 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 IP66 and IP67

16 Report Number

GB/BAS/TR12.0113/00

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
C2541	1	H	03/04/12	ATEX general arrangement type ZPL6 series empty enclosures
9002	1 of 1	G	03/04/12	ZPL626 empty enclosure certification drawing

Drawings held on IECEx BAS 06.0027U and common to Baseefa06ATEX0116U

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: **Baseefa06ATEX0116U/10**

4 Component: **ZPL6** RNAGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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. **13/0402**

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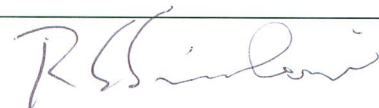
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R S SINCLAIR
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa06ATEX00116U/10**

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

Variation 10.1

To include the test report GB/BAS/ExTR12.0307/00 for the repeat Thermal Conditioning and Ingress Protection testing of two existing types of silicone o-ring.

Variation 10.2

Minor drawing modifications to the ZPL626 lid

Variation 10.3

Minor drawing modifications to the ZPL626 body

16 **Report Number**

GB/BAS/ExTR14.0209/00 and GB/BAS/ExTR12.0307/00

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
9047	---	C	15/09/13	PL 626 Base
9048	---	C	15/09/13	PL 626 Lid

All drawings are held with IECEx BAS 06.0027U and common to Baseefa06ATEX0116U.

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: **Baseefa06ATEX0116U/11**

4 Component: **ZPL6** RANGE OF ENCLOSURES**

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. Baseefa06ATEX0116U 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. **15/0106**

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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa06ATEX00116U/11**

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

Variation 11.1

To add the new ZPL642 and ZPL644 enclosures:

Enclosure	Length (mm)	Width (mm)	Height (mm)
ZPL642	400	250	120
ZPL644	400	405	165

Variation 11.2

Minor drawing modification regarding earth continuity plate thickness.

16 **Report Number**

GB/BAS/ExTR15.0221/00

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	Issue	Date	Description
540.0010.000 - Hawke	0	08/09/15	ZPL 642 Enclosure Lid and Body
546.0010.000 - Hawke	0	08/09/15	ZPL 644 Enclosure Lid and Body
C2541	J	29/7/15	General Arrangement Type ZPL6 Series Empty Enclosure

All drawings are held with IECEx BAS 06.0027U and common to Baseefa06ATEX0116U.

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa06ATEX0116U/12**
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: **ZPL6** Range of Enclosures**

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 Baseefa06ATEX0116U 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: 2007 EN 60079-11: 2012 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 e IIC Gb

⊕ II 2D Ex tb IIIC Db

See schedule for Intrinsic Safety marking.

SGS Baseefa Customer Reference No. **0500**

Project File No. **17/0235**

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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa06ATEX0116U/12

15 Description of the variation to the Product

Variation 12.1

To confirm that the enclosures covered by this certificate have been reviewed against the requirements of EN 60079-31: 2014 in respect of the differences from IEC 60079-31: 2009, and comply with the requirements of the latest standards.

Variation 12.2

To add 4 additional internal bosses complete with fixing inserts in the ZPL615 body.

Variation 12.3

Update enclosure lid and body material supplier/code names.

Variation 12.4

Add alternative gasket materials.

Variation 12.5

Add additional optional accessories, stopping plugs, breather drains, internal/external earth studs.

When required a component or equipment certified, internal/external earth stud, stopping plug, breather-drain, as shown below, may now be fitted to the enclosure:

Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	375	IECExBAS12.0065X Baseefa12ATEX0095X -60°C to +75°C	IP66/67
Hawke	Stopping Plug	387	IECExBAS06.0029U Baseefa06ATEX0118U Nitrile o-ring: -60°C to +80°C Silicone o-ring: -60°to +160°C	IP66/67
Hawke	Stopping Plug	487	IECExBAS11.0071X Baseefa11ATEX0149X Nitrile o-ring: -60°C to +80°C Silicone o-ring: -60°to +150°C	IP66/67
Raxton	Stopping Plug	CK, CQ, CF & CB	IECEXSIR07.0009X SIRA10ATEX1224X Operating Temperature -20°C to +60°C	IP66
Hawke	Breather Drain	389	IECExBAS11.0075X Baseefa11ATEX0153X Nitrile o-ring: -60°C to +80°C Silicone o-ring: -60°to +150°C	IP66

Manufacturer	Product	Type	Certificate Number	IP Rating
Raxton	Breather Drain	CV	IECEX SIR09.0096X Sira10ATEX3279X Operating Temperature -20°C to +65°C	IP66
Walsall	Breather Drain	BDE	IECEX BAS06.0078U Baseefa06ATEX0285U Operating Temperature Nitrile o-ring: -20°C to +70°C Silicone o-ring: -60°C to +160°C	IP66
Redapt	Breather Drain	DP-E	IECEX SIR08.0024U Sira99ATEX3050U Operating Temperature -50°C to +85°C	IP66
Hawke	Int/Ext Earth	IES10, IES6/12, ES6/12	IECEX BAS09.0013U Baseefa09ATEX0039U -60°C to +200°C	IP66

Variation 12.6

For commercial purposes, add alternative Intrinsically Safe (I.S.) marking options.

The marking is as follows:

⊕ II 2G Ex ib IIC Gb

⊕ II 2D Ex ib IIIC Db

or

⊕ II 1G Ex ia IIC Ga

⊕ II 1D Ex ia IIIC Da

16 Report Number

GB/BAS/ExTR17.0098/00

17 Schedule of Limitation

All previous limitations have been replaced as follows:

1. The enclosures shall not be exposed to temperatures outside the range -60°C to 75°C.
2. If a breathing and draining device is required, only component certified breather/drain devices as specified in the schedule above may be used with these enclosures, or any other suitable breather/drain devices having an equipment certificate that are suitable for the wall thickness of the enclosure to ensure draining can occur, subject to the confirmation by the end user/installer of the ingress protection rating and the permitted service temperature. The operating temperature range and Ingress Protection rating of the enclosure is limited to that of the breather/drain device fitted.
3. Any breathing and draining device must be installed in its correct orientation in the bottom face of the vertically mounted enclosure.
4. Unused entry holes shall be fitted with stopping plugs as specified in the schedule above, or fitted with suitable stopping plugs having an equipment certificate, or having a component certificate subject to the confirmation by the end user/installer of the ingress protection rating and the permitted service temperature of the component. The operating temperature range and ingress protection rating of the enclosure is limited to that of the stopping plug fitted.

5. The enclosure is limited to the temperature range of the stopping plug fitted.
6. The bulkhead fitting shall have a maximum projection length from the enclosure wall of 60mm. The user is responsible for ensuring that the service temperature range and IP rating of the enclosure are not compromised by installation of the bulkhead fitting.

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:			
C2541	K	13/04/17	General Arrangement ZPL6 series empty enclosure
B2551 Sheet 1	D	20/06/17	ZPL612 body
B2551 Sheet 2	C	20/06/17	ZPL612 lid
B2552 Sheet 1	D	20/06/17	ZPL615 body
B2552 Sheet 2	C	20/06/17	ZPL615 lid
B2553 Sheet 1	D	20/06/17	ZPL620 body
B2553 Sheet 2	C	20/06/17	ZPL620 lid
B2554 Sheet 1	D	20/06/17	ZPL630 body
B2554 Sheet 2	C	20/06/17	ZPL630 lid
9047	D	13/04/17	ZPL626 body
9048	E	13/04/17	ZPL626 lid

New drawings:

NONE

All drawings are held with IECEx BAS 06.0027U and common to Baseefa06ATEX0116U.

1 **SUPPLEMENTARY 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 Supplementary EU - Type **Baseefa06ATEX0116U/13**
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: **ZPL6** Range of Enclosures**

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 Baseefa06ATEX0116U 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.

SGS Baseefa Customer Reference No. **0500**

Project File No. **18/0059**

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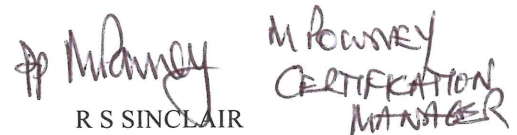
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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa06ATEX0116U/13

15 Description of the variation to the Product

Variation 13.1

To allow an increase in the optional connector hole size in the enclosure wall, and allow the option to fit smaller connectors.

16 Report Number

GB/BAS/ExTR18.0008/00

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	Issue	Date	Description
9650	B	11/01/18	PL615 special connector entry layout
9651	B	11/01/18	PL630 special connector entry layout

All drawings are common to, and held with, IECEx BAS 06.0027U.

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa06ATEX0116U/14**
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: **ZPL6** Range of Enclosures**

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. Baseefa06ATEX0116U 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 IEC 60079-0: 2018 EN 60079-7: 2015 EN 60079-11: 2012 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

See schedule for Intrinsic Safety marking

SGS Baseefa Customer Reference No. **0500**

Project File No. **18/0484**

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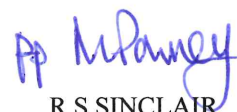
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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

M POWNEY
Certification
Manager

13

Schedule

14

Certificate Number Baseefa06ATEX0116U/14

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

Variation 14.1

To confirm that the products covered by this certificate have been reviewed against the requirements of EN IEC 60079-0: 2018 and EN 60079-7: 2015 in respect to the differences from EN 60079-0: 2012+A11: 2013 and EN 60079-7: 2007, and that none of these differences in the standards affects this product except the marking with regard to Increased Safety Ex eb and the standard accessories list.

The products are in compliance with EN IEC 60079-0: 2018, EN 60079-7: 2015, EN 60079-11: 2012 and EN 60079-31: 2014

The ZPL6** Range of Enclosures are now marked as follows:-

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

With the options:

- ⊕ II 2G Ex ib IIC Gb
 - ⊕ II 2D Ex ib IIIC Db
- or
- ⊕ II 2G Ex ia IIC Ga
 - ⊕ II 2D Ex ia IIIC Da

The standard accessories list is now updated as follows:

When required a Hawke International component or equipment certified, internal/external earth stud, stopping plug, breather-drain, as shown below, may be fitted to the enclosure or junction box as specified in the certification documents:

Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	375	IECExBAS12.0065X Baseefa12ATEX0095X -60°C to +75°C	IP66/67
Hawke	Stopping Plug	387	IECExBAS06.0029U Baseefa06ATEX0118U Nitrile o-ring: -60°C to +80°C Silicone o-ring: -60°to +160°C	IP66/67
Hawke	Stopping Plug	390	IECExBAS11.0079X Baseefa11ATEX0157X Nitrile o-ring: -60°C to +80°C Silicone o-ring: -60°to +160°C	IP66
Hawke	Stopping Plug	487	IECExBAS11.0071X Baseefa11ATEX0149X Nitrile o-ring: -60°C to +80°C Silicone o-ring: -60°to +150°C	IP66/67

Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Breather Drain	389 and 385	IECExBAS11.0075X Baseefa11ATEX0153X Nitrile o-ring: -60°C to +80°C Silicone o-ring: 389: -60°to +150°C 385: -60°C to +80°C	IP66
Hawke	Int/Ext Earth	IES10, IES6/12, ES6/12	IECExBAS09.0013U Baseefa09ATEX0039U -60°to +200°C	IP66

NOTE: Other suitable 'equipment' certified accessories may also be fitted to suit the application.

16 Report Number

GB/BAS/ExTR18.0266/00

(held on ZPL6, IECEX BAS 06.0027U)

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
C2541	L	17/10/18	General arrangement ZPL6 series empty enclosure

All drawings are common to, and held on, IECEX BAS 06.0027U