

1 **EC - TYPE EXAMINATION CERTIFICATE**

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

3 EC - Type Examination Certificate Number: **Baseefa14ATEX0248U**

4 Component: **ZPL5\*\* Range of Empty Enclosures**

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, 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/ExTR13.0112/00**

9 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 60079-31: 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 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 :

**Ex II 2GD Ex e IIC Gb Ex tb IIIC Db**

Baseefa Customer Reference No. **0500**

Project File No. **13/0403**

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**SGS Baseefa Limited**

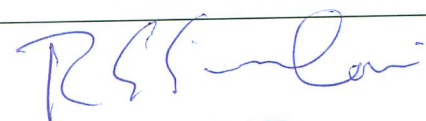
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R S SINCLAIR

GENERAL MANAGER

On behalf of **SGS Baseefa Limited**

13

## Schedule

14

Certificate Number Baseefa14ATEX0248U

### 15 Description of Component

The ZPL5\*\* Range of Empty Enclosures are square or rectangular enclosures moulded from black glass reinforced polyamide.

The enclosures are available in the following sizes and ingress protection ratings:

Enclosure	length (mm)	width (mm)	height (mm)	Ingress Protection Rating
ZPL513	138	138	95	IP66 & IP67
ZPL520	200	138	95	IP66

The enclosures comprise of two parts: The base with moulded external mounting lugs at each corner and the removable cover secured by 4 screws that may be retained in the cover by nylon washers. The cover fixings screw into inserts at the corners of the body.

The ingress protection rating is achieved by the use of a clear silicone one piece moulded gasket 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 the base lip.

Brass inserts are provided in the base for fixing internal components. Any of the sides of the enclosure, 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 both enclosure sizes. The blind holes in the lid are located in the ribs.

The enclosures may be fitted with either a flat metallic mounting plate or an earth continuity plate which is a cruciform shape with up to 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 inserts provided in the base.

The enclosure may be fitted with Type IES 6/12 internal/external earth stud and ES 6/12 external earth stud to the existing IES10 & ES 10 earth stud range, as shown in GB/BAS/ExTR09.0029/00 held on IECEx BAS 09.0013U (Common to Baseefa09ATEX0039U).

The enclosure may additionally be fitted with an M6 or M8 through-stud style external/internal earth stud assembly fitted in the enclosure wall.

The enclosure may additionally be fitted with an M5 bottom entry through foot and pillar style external/internal earth stud assembly fitted in the enclosure base.



When required a component or equipment certified, internal/external earth stud, stopping plug, breather-drain, as shown below, may be fitted to the enclosure 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	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
Raxton	Breather Drain	CV	IECEXSIR09.0096X Sira10ATEX3279X Operating Temperature -20°C to +65°C	IP66
Walsall	Breather Drain	BDE	IECExBAS06.0078U Baseefa06ATEX0285U Operating Temperature Nitrile o-ring: -20°C to +70°C Silicone o-ring: -60°to +160°C	IP66
Redapt	Breather Drain	DP-E	IECEXSIR08.0024U Sira99ATEX3050U Operating Temperature -50°C to +85°C	IP66
Hawke	Int/Ext Earth	IES10, IES6/12, ES6/12	IECExBAS09.0013U Baseefa09ATEX0039U -60°to +200°C	IP66

**16 Report Number**

GB/BAS/ExTR13.0112/00

**17 Schedule of Limitations**

1. The enclosures shall not be exposed to temperatures outside the range of:-  
ZPL513:  
Normal Impact Risks: -30°C to +75°C  
Low Impact Risks: -60°C to +75°C.  
ZPL520:  
Low Impact Risks: -25°C to +75°C.
2. When used as equipment, this enclosure shall be marked with:  
'WARNING: Potential Electrostatic Hazard Clean Only With a Damp Cloth' (or equivalent technical text).
3. Entry holes may be parallel threaded or plain, as shown on Drawing Number 9950. Entry holes shall be perpendicular to the equipment face to ensure the correct sealing arrangement of an accessory. Plain holes shall be no larger than 0.7mm above the major diameter of the accessory thread. Suitable sealing washers/o-rings will be required on the interfacing products.
4. Unused entry holes shall be 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, if below that stated for the enclosure.
5. Only component certified breather/drain devices as specified in the description 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 breather/drain devices must be installed in their correct orientation in the bottom face. The operating temperature range and Ingress Protection rating of the enclosure is limited to that of the breather/drain device fitted.
6. Only adaptor/reducer devices as specified above, or adaptor/reducer devices having an equipment certificate subject to the confirmation by the end user/installer of the ingress protection rating and the permitted service temperature, may be used with these enclosures. The operating temperature range and ingress protection rating of the enclosure is limited to that of the adaptor/reducer device fitted.
7. When the enclosure is fitted with the M6 or M8 brass or stainless steel internal/external earth stud, the ingress protection rating is IP66.

**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**

Drawing No.	Sheet	Issue	Date	Description
9610	1 of 1	C	07/06/12	PL513 thin wall box base
9611	1 of 2	E	17/04/13	PL513 thin wall box Lid
9611	2 of 2	E	17/04/13	PL513 thin wall box Lid
9615	1 of 1	A	09/01/14	PL513 Gasket profile
9616	1 of 1	A	02/03/12	5 series internal and external earth body
9620	1 of 1	C	19/06/12	PL520 thin wall box base
9621	1 of 2	D	31/07/14	PL520 thin wall box lid
9621	2 of 2	D	31/07/14	PL520 thin wall box lid
9623	1 of 1	A	17/07/14	INEX5 internal external earth for 5 series



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Drawing No.	Sheet	Issue	Date	Description
9625	1 of 1	A	12/09/14	PL520 gasket profile
9638	1 of 1	A	29/07/14	PET5 pillar terminal assembly for internal external earth
9950	1 of 2	A	28/05/14	ATEX IECEx general arrangement type 'ZPL5' series empty enclosures (ZPL513)
9950	2 of 2	A	28/05/14	ATEX IECEx general arrangement type 'ZPL5' series empty enclosures (ZPL520)

All drawings are held on IECExBAS14.0120U and common to Baseefa14ATEX0248U

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: **Baseefa14ATEX0248U/1**

4 Component: **ZPL5\*\* Range of Empty 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. Baseefa14ATEX0248U 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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GENERAL MANAGER

On behalf of SGS Baseefa Limited



13 **Schedule**

14 **Certificate Number Baseefa14ATEX0248U/1**

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

**Variation 1.1**

To add optional M5 internal earth stud assembly to the ZPL5\*\* range.

**Variation 1.2**

To add optional internal busbar assembly in the ZPL513 and ZPL520 enclosures.

**Variation 1.3**

To add the ZPL511 enclosure (Lighting Box) in four black glass reinforced nylon material options, codes A, B, Z and D.

The enclosure name is followed by the material code: ZPL511A, ZPL511B, ZPL511Z and ZPL511D

Enclosure	length (mm)	width (mm)	height (mm)	Ingress Protection Rating
ZPL511*	114	114	72	See schedule of limitations

The enclosure comprises of two parts. The base with 3 moulded external mounting lugs on the centre of side and bottom faces and the removable cover secured by 4 screws that may be retained in the cover by nylon washers. The cover fixings screw into inserts at the corners of the body. The top face of the body has a reduced depth to aid easy access to internal components when the lid is removed.

Ingress protection of at least IP66 is achieved by the use of a one piece white silicone sponge gasket or a one piece moulded grey silicone rubber gasket, 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 inserts are provided in the base for fixing internal components. The two side faces and bottom face of the enclosure may be drilled and tapped or drilled with clearance holes for cable entries. The top face is not suitable for entries. The maximum number, size and allowed location of these holes is defined on the relevant drawings listed below.

The enclosures may be fitted with a one piece earth continuity plate which is a cruciform shape with up to three folded up stands with punchings for cable entry devices in the up stands. There is no up stand on the top face. The earth continuity plate is 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 inserts provided in the base.

The enclosure may be fitted with Type IES 6/12 internal/external earth stud and ES 6/12 external earth stud to the existing IES10 & ES 10 earth stud range, as shown in GB/BAS/ExTR09.0029/00 held on IECEx BAS 09.0013U (Common to Baseefa09ATEX0039U).

The enclosure may additionally be fitted by Hawke International with an M6 or M8 through-stud style external/internal earth stud assembly fitted in the enclosure wall.

When required a component approved, internal/external earth stud, stopping plug, breather, drain or breather-drain, as shown on the prime certificate, may be fitted to the enclosure as specified in the certification documents.

16 **Report Number**

GB/BAS/ExTR15.0346/00

## 17 Schedule of Limitations

As listed previously and as follows for the new ZPL511\* enclosures:

ZPL511A and ZPL511B:

1. These enclosures shall not be exposed to temperatures outside the range of -60°C to +75°C.
2. These enclosures have an ingress protection rating of IP66 & IPX7.
3. When this enclosure is used as certified equipment, it shall be marked 'Warning: Potential electrostatic hazard, clean only with a damp cloth'.

ZPL511Z:

4. This enclosure shall not be exposed to temperatures outside the range of -60°C to +75°C.
5. This enclosure has an ingress protection rating of IP66 only.
6. When this enclosure is used as a certified equipment, it shall be marked 'Warning: Potential electrostatic hazard, clean only with a damp cloth'.

ZPL511D:

7. This enclosure shall not be exposed to temperatures outside the range of -20°C to +75°C.
8. This enclosure has an ingress protection rating of IP66 & IPX7.
9. This enclosure shall only be located in low impact risk areas.
10. When this enclosure is used as a certified equipment, it shall be marked 'Warning: Potential electrostatic hazard, clean only with a damp cloth'.

## 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
Optional Earths:			
9617	D	04/06/15	Busbar earth support
9912	A	03/11/15	Busbar earth bar for (Z)PL513 and (Z)PL520
9913	A	03/11/15	Busbar earth bar for (Z)PL520 faces A & C
9914	A	03/11/15	Alternative internal earth for (Z)PL*
ZPL511:			
9465	A	03/09/15	Lighting box material test regime
9466	A	09/09/13	Lighting box seal - sponge
9467	A	03/07/14	Lighting box seal - rubber
9468	A	01/04/14	Lighting box seal V2 - sponge
9470	A	11/02/13	Lighting box 2013 body
9471	B	05/10/14	Lighting box lid
9473	B	15/01/15	Lighting box continuity plate
9475	A	08/04/14	M5 x 12lg SEMS fastener
9950 sheet 1 of 3	B	03/09/15	ATEX IECEx general arrangement. Type ZPL5 series empty enclosures
9950 sheet 2 of 3	B	03/09/15	ATEX IECEx general arrangement. Type ZPL5 series empty enclosures
9950 sheet 3 of 3	B	03/09/15	ATEX IECEx general arrangement. Type ZPL5 series empty enclosures

All drawings are held with IECEx BAS 14.0120U and common to Baseefa14ATEX0248U.



1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa14ATEX0248U/2**  
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: **ZPL5\*\* 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 Baseefa14ATEX0248U 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 60079-31: 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

SGS Baseefa Customer Reference No. **0500**

Project File No. **16/0429**

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*R S SINCLAIR*  
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TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa14ATEX0248U/2**

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

**Variation 2.1**

Include two additional material options for the ZPL513 and ZPL520 enclosure lid and base, complete with EMI Seals and Gaskets Limited hollow section silicone rubber lid gasket. Ingress Protection rating depends on enclosure material.

**Variation 2.2**

With the addition of two new material options for the ZPL513 and ZPL520, there are now five enclosure material options, having a designated Material Code, A, B, D, G and Z, to identify the enclosure material used. The enclosure Material Code will be located in the Enclosure Name or the Serial Number, or both, for the ZPL5\*\* range.

i.e. Enclosure Name: ZPL511A i.e. Serial Number (Material Code/Year/Serial Number): G/16/1234

NOTE: The standard enclosure material, Code B, will not be marked.

**Variation 2.3**

Include optional moulded-in lid fixing inserts in the base of the ZPL513 and ZPL520.

**Variation 2.4**

Include M25 (tapped or plain hole) and 1/2" NPT (plain hole only) entry options in Face B, C and D of the ZPL511.

16 **Report Number**

GB/BAS/ExTR16.0358/00

17 **Schedule of Limitation**

As listed previously and as follows:

1. Schedule number 1 of the prime certificate, and schedules 1,2,4,5,7, 8 & 9 of variation 1 are replaced as follows:-

The enclosure shall not be exposed to temperatures outside the range shown in this table, and the Ingress Protection Rating is as shown in this table:

Enclosure	Material Code	Service Temperature Range & Impact Risk Area	Ingress Protection Rating (IP)
ZPL511	A	Normal Impact Risk Area: -60°C to +75°C	IP66 & IPX7
	B	Normal Impact Risk Area: -60°C to +75°C	IP66 & IPX7
	D	Low Impact Risk Area: -20°C to +75°C	IP66 & IPX7
	Z	Normal Impact Risk Area: -60°C to +75°C	IP66
ZPL513	B	Normal Impact Risk Area: -60°C to +75°C	IP66 & IPX7
	D	Normal Impact Risk Area: -30°C to +75°C	IP66 & IPX7
		Low Impact Risk Area: -60°C to +75°C	IP66 & IPX7
G	Low Impact Risk Area: -20°C to +75°C	IP66	
ZPL520	B	Normal Impact Risk Area: -60°C to +75°C	IP66 & IPX7
	D	Low Impact Risk Area: -25°C to +75°C	IP66
	G	Low Impact Risk Area: -20°C to +75°C	IP66



2. Schedule number 2 of the prime certificate and schedules 3, 6 & 10 of variation 1 are replaced as follows:-  
When used as equipment, the enclosures in all Material Codes A, B, D, G and Z shall be marked with:  
'WARNING: Potential Electrostatic Hazard, Clean Only With a Damp Cloth'  
(or equivalent technical text).

### 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:			
9465	B	06/10/16	ZPL5 box material test regime
9610	D	10/10/16	ZPL513 thin wall box base
9611 sheet s1to2	F	17/10/16	ZPL513 thin wall box lid
9620	D	10/10/16	ZPL520 thin wall box base
9621 sheet s1to2	E	17/10/16	ZPL520 thin wall box lid
9950 Sheets 1to3	C	11/10/16	General arrangement type ZPL5 series empty enclosures
New drawings:			
930073	A	09/08/16	ZPL520 seal
930074	A	09/08/16	ZPL513 seal

All drawings are held with IECEX BAS 14.0120U and common to Baseefa14ATEX0248U.

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 **Baseefa14ATEX0248U/3**  
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: **ZPL5\*\* 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. Baseefa14ATEX0248U 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. **17/0566**

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On behalf of SGS Baseefa Limited



---

13 **Schedule**

14 **Certificate Number Baseefa14ATEX0248U/3**

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

**Variation 3.1**

Include an optional M6, M8 or M10 internal/external earth stud assembly.

The Ingress Protection rating is IP66 when the earth stud is fitted.

16 **Report Number**

GB/BAS/ExTR17.0236/00

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
Changed drawings:			
9950 sheets 1 to 3	D	08/08/17	General arrangement type ZPL5 series empty enclosures
New drawings:			
9898	A	07/08/17	Internal/External earth stud assembly for half nuts used in 4mm wall thickness enclosures
9686 sheets 1 to 2	A	20/12/16	ZPL511 alternative continuity [plate for M6 int/ext earth

All drawings are held with IECEx BAS 14.0120U and common to Baseefa14ATEX0248U.

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 **Baseefa14ATEX0248U/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: **ZPL5\*\* 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. Baseefa14ATEX0248U 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. **17/0599**

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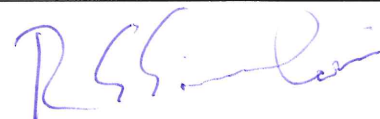
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R S SINCLAIR  
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited



13

## Schedule

14

Certificate Number Baseefa14ATEX0248U/4

### 15 Description of the variation to the Product

#### Variation 4.1

To add new enclosure ZPL514 (Lighting Box):

The ZPL514 enclosure (Lighting Box) is 144mm high x144mm wide x 93mm deep.

The ZPL514 is available in one material option, standard Material Code B.

NOTE: The standard enclosure material Code B, is not normally marked. However, it is optional for the Material Code B to be located in the ZPL514 Enclosure Name or the Serial Number, or both.

i.e. Enclosure Name: ZPL514B

i.e. Serial Number (Material Code/Year/Serial Number): B/16/1234

The enclosure comprises of two parts. The base with 3 moulded external mounting lugs on the centre of side and bottom faces and the removable cover secured by 4 screws that may be retained in the cover by nylon washers. The cover fixings screw into inserts at the corners of the body. The top face of the body has a reduced depth to aid easy access to internal components when the lid is removed.

Ingress protection of IP66 and IPX7 is achieved by the use of a one piece white silicone sponge gasket, 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 inserts are provided in the base for fixing internal components. The two side faces and bottom face of the enclosure may be drilled and tapped or drilled with clearance holes for cable entries. The top face is not suitable for entries. The maximum number, size and allowed location of these holes is defined on the relevant drawings listed below.

The enclosures may be fitted with a one piece earth continuity plate which is a cruciform shape with up to three folded up stands with punchings for cable entry devices in the up stands. There is no up stand on the top face. The earth continuity plate is 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 inserts provided in the base.

#### Variation 4.2

Minor modification to the ZPL511 cover.

### 16 Report Number

GB/BAS/ExTR17.0289/00

### 17 Schedule of Limitations

As those listed previously and as follows for the ZPL514:

1. The ZPL514 enclosure shall not be exposed to temperatures outside the range of:  
Normal Impact Risks: -60°C to +75°C

### 18 Essential Health and Safety Requirements

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

**19 Drawings and Documents**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
Changed drawings:			
9950 sheets 1 to 4	E	11/12/17	General arrangement type ZPL5 series empty enclosures
9465	C	12/12/17	ZPL5 box material test regime
9471	C	29/01/18	ZPL511 box lid
New drawings:			
930069	A	12/12/17	ZPL514 box lid with logo
930075	A	12/12/17	ZPL514 box lid without logo
930125	A	12/12/17	ZPL514 box body
930126	A	27/07/17	ZPL514 lid seal
930181	A	12/12/17	ZPL514 continuity plate

All drawings are common to, and held with, IECEx BAS 14.0120U



1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa14ATEX0248U/5**  
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: **ZPL5\*\* 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. Baseefa14ATEX0248U 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 60079-31: 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 IIC Db

SGS Baseefa Customer Reference No. **0500**

Project File No. **18/0484**

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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

M POWNEY  
Certification  
Manager

13

## Schedule

14

Certificate Number Baseefa14ATEX0248U/5

15 Description of the variation to the Product

### Variation 5.1

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 list of standard accessories.

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

The ZPL5 Range of Enclosures are now marked as follows:

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

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
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.



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**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**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
9950 sheets 1 to 4	F	17/10/18	General arrangement type ZPL5 series empty enclosures

All drawings are common to, and held on, IECEX BAS 14.0120U