



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: **Baseefa08ATEX0207U**

5 Component: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal empty enclosures**

6 Manufacturer: **Hawke International**

7 Address: **Oxford Street West, Ashton-under-Lyne, Lancashire, 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, 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/ExTR08.0130/00**

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

EN 60079-0: 2006 EN 60079-7: 2007 EN61241-0: 2006 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.

13 The marking of the component shall include the following :

⊕ II 2GD Ex e II Ex tD A21 IP66

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

Baseefa Customer Reference No. **0500**

Project File No. **04/0908**

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.

R S SINCLAIR

DIRECTOR

On behalf of

Baseefa

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Baseefa is a trading name of Baseefa Ltd

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



13

Schedule

14

Certificate Number Baseefa08ATEX0207U

15 Description of Component

The ZS1 to ZS9 and ZMS1 to ZMS9 are a range of fabricated sheet metal enclosures, comprising of a lid and a body complete with gland plates. The enclosures have an Ingress Protection Rating of IP66 provided by one-piece silicone sponge gaskets between the lid and flange of the body and also between the body and gland plates.

The ZS1 to ZS9 range are manufactured in stainless steel. The ZMS1 to ZMS9 range are manufactured in mild steel except the gland plates and fixings which are manufactured in stainless steel. Mild steel lids and bodies are coated or plated to suit the application.

The range comprises typically of 9 standard sizes:

TYPE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	LID & BODY THICKNESS minimum (mm)	GLAND PLATE THICKNESS Minimum (mm)
ZS1 and ZMS1	223	153	130	1.2	2.0
ZS2 and ZMS2	293	263	160	1.2	2.0
ZS3 and ZMS3	413	263	160	ZS3 1.2 ZMS3 1.6	2.0
ZS4 and ZMS4	425	373	160	ZS4 1.2 ZMS4 1.6	2.0
ZS5 and ZMS5	523	373	160	ZS5 1.2 ZMS5 1.6	2.0
ZS6 and ZMS6	640	450	160	2.0	2.0
ZS7 and ZMS7	760	550	160	2.0	2.0
ZS8 and ZMS8	880	640	160	2.0	2.0
ZS9 and ZMS9	1000	740	160	2.0	2.0

Alternative sizes are permitted providing they are interpolated from within the existing size range, and that lid and gland plate fixing centres are equal to or less than those given in the range shown above as specified on the certification drawings listed below. The enclosure depth may be increased to a maximum of 300mm to suit the application.

The body may be supplied with gland plates on one or more faces. On the S1 to S7 there is one plate per face, on the S8 size there are up to two gland plates on the side faces and on the S9 there are up to two gland plates per face. The gland plates are secured to the body by either bolts into sealed threaded inserts or nuts onto captive studs. Cable entry hole configurations are specified on Drawing Number D2534.

The lid is hinged to the body on one side and is secured on the opposite side by bolts into threaded inserts. The hinges may be replaced by bolts and threaded inserts. There is an optional padlock bracket welded to the body that passes through a slot in the lid. There is a minimum of four mounting feet welded to the body.

Earthing is provided by an M10 or M14 stainless steel internal/external earth stud assembly located on the body in a position to suit customer requirements. The threaded stud or hexagon head set screw is welded to the body. The stud is supplied fitted with stainless steel nuts and spring washers and copper shell washers. Optional internal earth studs may be welded to one or more of the gland plates and/or the lid to suit customer requirements.

On the inside of the enclosure there are four or more raised threaded inserts for subsequent fixing of internal components.



Two enclosures may be joined direct together and sealed with a gland plate gasket and fixings via the side face apertures.

When required for EMC purposes the exposed face of the gaskets may be covered with a self adhesive fine/braid meshing. The Ingress Protection rating of the enclosure is reduced to IP65.

The enclosures are fitted with a self adhesive label on the inside of the lid.

The enclosures may be fitted with the following certified stopping plugs and breather drain devices:

Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	375	IECExBAS06.0056U Baseefa06ATEX0236U	IP66
Hawke	Stopping Plug	387	IECExBAS06.0029U Baseefa06ATEX0118U	IP66
Hawke	Stopping Plug	387/1	Sira06ATEX1240U Operating Temperature -20°C to +60°C	IP66
Raxton	Stopping Plug	CK, CQ, CF & CB	SIRA00ATEX1073U Operating Temperature -20°C to +60°C	IP66
Raxton	Breather Drain	CV	Sira00ATEX3074U 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	----	Sira99ATEX3050U Operating Temperature -50°C to +85°C	IP66

16 Report Number

GB/BAS/ExTR08.0130/00

17 Schedule of Limitations

1. The enclosures shall not be exposed to temperatures outside the range of -60°C to +80°C.
2. Unused entry holes shall be fitted with stopping plugs as specified in the description above. The operating temperature range of the enclosure is limited to that of the stopping plug fitted.
3. Only breather/drain devices as specified in the description above may be used with these enclosures. The breather/drain devices must be installed in their correct orientation in either the bottom face or bottom face gland plate of the enclosure. The operating temperature range of the enclosure is limited to that of the breather/drain device 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
D2534	1	D	20/02/08	ATEX/IECEX certification notes ZS1 to ZS9 and ZMS1 to ZMS9
C2525	1	A	10/04/01	General Arrangement ZS1 and ZMS1
C2526	1	A	10/04/01	General Arrangement ZS2 and ZMS2
C2527	1	A	10/04/01	General Arrangement ZS3 and ZMS3
C2528	1	A	10/04/01	General Arrangement ZS4 and ZMS4
C2529	1	A	10/04/01	General Arrangement ZS5 and ZMS5
C2530	1	A	10/04/01	General Arrangement ZS6 and ZMS6
C2531	1	A	10/04/01	General Arrangement ZS7 and ZMS7
C2532	1	A	10/04/01	General Arrangement ZS8 and ZMS8
C2533	1	A	10/04/01	General Arrangement ZS9 and ZMS9

Common to and held on IECEX BAS 08.0064U



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: Baseefa08ATEX0207U/1

4 Component: Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal empty 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. Baseefa08ATEX0207U 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. 09/0663

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.

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

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

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa08ATEX0207U/1

15 Description of the variation to the Component

Variation 1.1

Add an optional window in the lid of ZS1 to ZS9 and ZMS1 to ZMS9 range. The Ingress Protection rating remains IP66.

Variation 1.2

Move the lid hinge position of ZS1 to ZS9 and ZMS1 to ZMS9 range.

Variation 1.3

Add mid range sizes in landscape orientation of ZS1 to ZS9 and ZMS1 to ZMS9 range. The enclosures will be coded as follows: ZS*L e.g. ZS4L or ZMS*L e.g. ZMS4L

Variation 1.4

Add an optional base plate of ZS1 to ZS9 and ZMS1 to ZMS9 range.

Variation 1.5

Add an optional style of M10 up to M16 internal/external earth stud assembly via a threaded bush to ZS1 to ZS9 and ZMS1 to ZMS9 range. The Ingress Protection rating remains IP66.

Variation 1.6

Add a new range of sheet metal fabricated enclosures type: ZEJB1 and ZEJB2 in stainless steel and ZMEJB1 and ZMEJB2 in mild steel. The Ingress Protection rating is IP66 & IP67.

TYPE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)
ZEJB1 and ZMEJB1	126	126	81.5
ZEJB2 and ZMEJB2	156	156	91.5

Variation 1.7

Add an optional document pocket to ZS1 to ZS9 and ZMS1 to ZMS9 range and also to ZEJB1 and ZEJB2 and ZMEJB1 and ZMEJB2 range. The Ingress Protection rating is not affected.

16 Report Number

GB/BAS/TR09.0210/00

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
C2525	1	B	20/04/10	ATEX General arrangement type Size1 (ZS1 & ZMS1) empty enclosure
C2526	1	B	20/04/10	ATEX General arrangement type Size2 (ZS2 & ZMS2) empty enclosure
C2527	1	B	20/04/10	ATEX General arrangement type Size3 (ZS3 & ZMS3) empty enclosure
C2528	1	B	20/04/10	ATEX General arrangement type Size4 (ZS4 & ZMS4) empty enclosure
C2529	1	B	20/04/10	ATEX General arrangement type Size5 (ZS5 & ZMS5) empty enclosure
C2530	1	B	20/04/10	ATEX General arrangement type Size6 (ZS6 & ZMS6) empty enclosure
C2531	1	B	20/04/10	ATEX General arrangement type Size7 (ZS7 & ZMS7) empty enclosure
C2532	1	B	20/04/10	ATEX General arrangement type Size8 (ZS8 & ZMS8) empty enclosure
C2533	1	B	20/04/10	ATEX General arrangement type Size9 (ZS9 & ZMS9) empty enclosure
D2534	1	E	20/04/10	ATEX/IECEX Certification notes (ZS1 t ZS9 & ZMS1 to ZMS9 and ZEJB1, ZEJB2, ZMEJB1 and ZMEJB2 empty enclosures
9383	1	A	20/04/10	Enclosure lid/window general arrangement
9384	1	A	14/12/09	Stainless steel enclosure window frame general arrangement
9385	--	A	14/12/09	Stainless steel enclosure lid/window gasket general arrangement
9386	--	A	14/12/09	Stainless steel enclosure window general arrangement
9409	1	A	01/04/10	ZEJB1 & 2 / ZMEJB1 & 2 enclosure detail
9423	1	A	03/03/10	Alternative earth stud for stainless steel boxes Size 1 to 9
9430	1	A	20/04/10	Document pocket for ZMS1 to 9, ZMEJB 1 to 2, ZS1 to 9 and ZEJB1 to 2

Drawings common to and held on IECEX BAS08.0064U



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: **Baseefa08ATEX0207U/2**

4 Component: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal 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. Baseefa08ATEX0207U 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. **10/0718**

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa08ATEX0207U/2

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

Variation 2.1

Addition of further Schedule of Limitation regarding closing of unused entries

16 **Report Number**

GB/BAS/TR09.0270/00

17 **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: **Baseefa08ATEX0207U/3**

4 Component: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal 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. Baseefa08ATEX0207U 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:

EN 60079-0: 2012 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

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. **0500**

Project File No. **12/0620**

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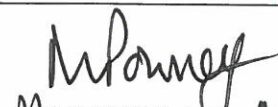
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P R S SINCLAIR
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa08ATEX0207U/3**

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

Variation 3.1

To confirm that the component enclosures covered by this certificate have been reviewed against the requirements of EN 60079-0: 2012, EN 60079-7: 2007 and EN 60079-31: 2009 in respect of the differences from EN 60079-0: 2006, EN 61241-0: 2006 and EN 61241-1:2004, and the component enclosures have been assessed and are in compliance with the requirements of the latest standards.

The Marking will change as follows:

ZS1/ZMS1 to ZS9/ZMS9:

⊕ II 2GD Ex e IIC Gb Ex tb IIIC Db IP66

ZEJB1/ZMEJB1 and ZEJB2/ZMEJB2:

⊕ II 2GD Ex e IIC Gb Ex tb IIIC Db IP66 and IP67

Variation 3.2

To add two larger sizes to the range Type ZS15 and ZS17 (stainless Steel), ZMS15 and ZMS17 (Mild Steel), IP66 rated:

TYPE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	LID & BODY THICKNESS minimum (mm)	GLAND PLATE THICKNESS Minimum (mm)
ZS15 and ZMS15	950	950	960	2.0	3.0
ZS17 and ZMS17	950	1350	960	2.0	3.0

The Marking will be as follows:

⊕ II 2GD Ex e IIC Gb Ex tb IIIC Db IP66

Variation 3.3

To allow the use of an alternative through hole style internal/external earth stud assembly to drawing number 9464, mounted in the gland plate/s of the ZS1/ZMS1 to ZS9/ZMS17 enclosures only.

Variation 3.4

To allow alternative internal and external welded mounting brackets and studs for subsequent component/auxiliary equipment mounting.

Variation 3.5

To allow an alternative lid fixing screw with an undercut.

16 **Report Number**

GB/BAS/ExTR13.0133/00

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
C2525	1 of 1	C	06/08/13	General Arrangement ZS1 and ZMS1
C2526	1 of 1	C	06/08/13	General Arrangement ZS2 and ZMS2
C2527	1 of 1	C	06/08/13	General Arrangement ZS3 and ZMS3
C2528	1 of 1	C	06/08/13	General Arrangement ZS4 and ZMS4
C2529	1 of 1	C	06/08/13	General Arrangement ZS5 and ZMS5
C2530	1 of 1	C	06/08/13	General Arrangement ZS6 and ZMS6
C2531	1 of 1	C	06/08/13	General Arrangement ZS7 and ZMS7
C2532	1 of 1	C	06/08/13	General Arrangement ZS8 and ZMS8
C2533	1 of 1	C	06/08/13	General Arrangement ZS9 and ZMS9
D2534	1 of 4	G	06/12/12	ATEX/IECEX Certification notes (ZS1 to ZS17 & ZMS1 to ZMS17) and (EJB1, EZJB2, ZMEJB1 & ZMEJB2) SIZE 1 to 17 Empty Enclosures
D2534	2 of 4	G	06/12/12	Typical K-Mass coated enclosure – Stainless steel enclosure (Size 4L Shown for clarity)
D2534	3 of 4	G	11/12/12	General Arrangement for ZS15 / ZS17
D2534	4 of 4	G	11/12/12	General Arrangement for ZS15 / ZS17
9464	1 of 1	A	16/04/13	Earth stud assembly for thin wall enclosures

All drawings are common to Baseefa08ATEX0207U and held with IECEX BAS 08.0064U

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: **Baseefa08ATEX0207U/4**

4 Component: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal 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. Baseefa08ATEX0207U 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:

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. **13/0731**

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R S SINCLAIR 
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa08ATEX0207U/4

15 Description of the variation to the Component

Variation 4.1

To confirm that the component enclosures covered by this certificate have been reviewed against the requirements of IEC 60079-31: 2013 in respect of the differences from EN 60079-31: 2009, and comply with the requirements of the latest standards.

16 Report Number

GB/BAS/ExTR14.0136/00

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

None.

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa08ATEX0207U/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: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal 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 Baseefa08ATEX0207U 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 Group I and Intrinsic Safety options

SGS Baseefa Customer Reference No. **0500**

Project File No. **14/1003**

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SGS Baseefa Limited

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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number Baseefa08ATEX0207U/5

15 Description of the variation to the Product

Variation 5.1

Rename the mild steel ZMS1-9 range to the new name ZM1-9 range.

Variation 5.2

Add optional 5mm (minimum) thick brass gland plates for ZS1 to ZS17 and ZMS1 to ZMS9.

Variation 5.3

Optional lid and gland plate gaskets 5mm thick for ZS1 to ZS17 and ZMS1 to ZMS9 and ZEJB.

Variation 5.4

Add optional welded hinge design for ZS1 to ZS9 and ZM1 to ZM9.

Variation 5.5

Add option to increase lid and body thickness from 1.5mm to 2.0mm for Group II ZEJB1, ZEJB2, ZMEJB1 & ZMEJB2.

Variation 5.6

Increase the Service Temperature Range for all enclosures from -60°C to +80°C up to -60°C to +135°C
The Service Temperature Range may be affected by accessories fitted (See Schedule of Limitations).

Variation 5.7

Include EMI Seals and Gaskets Limited Report GB/BAS/ExTR15.0116/00.

Variation 5.8

Add additional optional accessories at manufacturers request for commercial purposes

Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	390	IECExBAS11.0079X Baseefa11ATEX0157X	IP66
Hawke	Stopping Plug	487	IECExBAS11.0071X Baseefa11ATEX0149X	IP66
Hawke	Breather Drain	389	IECExBAS11.0075X Baseefa11ATEX0153X	IP66 & IPX7

Variation 5.9

Add new Group II sheet metal enclosures type ZSFI1-9, ZSFE1-9, ZMFI1-9 and ZMFE1-9 .

The new sheet metal enclosures type ZSFI1-9, ZSFE1-9, ZMFI1-9 and ZMFE1-9 are in-line with the existing ZS1 to 9 and ZM1 to 9 enclosure range with regard to sizes, sealing methods, gland plates etc except that the ZSFI1-9, ZSFE1-9, ZMFI1-9 and ZMFE1-9 have a flange design on the body that has a simpler single bend arrangement. The sizes are in-line with the existing ZS/ZM range.

The ZSFI and ZMFI version has an internal flange arrangement.

The ZSFE and ZMFE version has an external flange arrangement.

The ZSFE/ZMFE external flange over hangs the body and means that the lid is larger than that of the ZSFI/ZMFI version.

The options and accessories for the ZSFI, ZSFE, ZMFI and ZMFE range are in-line with the existing ZS/ZM range.

The existing ZS/ZM range and new ZSFI, ZSFE, ZMFI and ZMFE range comprises typically of 9 standard sizes, and 2 existing heavy duty ZS sizes:

TYPE	HEIGHT (mm)		WIDTH (mm)		DEPTH (mm)	LID & BODY THICKNESS minimum (mm)	GLAND PLATE THICKNESS Minimum (mm)	
	Z*FE LID	---	Z*FE LID	---			St/Steel	Brass
ZS1 and ZM1 ZSF11 and ZMF11 ZSFE1 and ZMFE1	223	---	153	---	130	1.2	2.0	5.0
ZS2 and ZM2 ZSF12 and ZMF12 ZSFE2 and ZMFE2	293	---	263	---	160	1.2	2.0	5.0
ZS3 and ZM3 ZSF13 and ZMF13 ZSFE3 and ZMFE3	413	---	263	---	160	ZS3/ZSF*3 1.2 ZMS3/ZMF*3 1.6	2.0	5.0
ZS4 and ZM4 ZSF14 and ZMF14 ZSFE4 and ZMFE4	425	---	373	---	160	ZS4 1.2 ZMS4 1.6	2.0	5.0
ZS5 and ZM5 ZSF15 and ZMF15 ZSFE5 and ZMFE5	523	---	373	---	160	ZS5 1.2 ZMS5 1.6	2.0	5.0
ZS6 and ZM6 ZSF16 and ZMF16 ZSFE6 and ZMFE6	640	---	450	---	160	2.0	2.0	5.0
ZS7 and ZM7 ZSF17 and ZMF17 ZSFE7 and ZMFE7	760	---	550	---	160	2.0	2.0	5.0
ZS8 and ZM8 ZSF18 and ZMF18 ZSFE8 and ZMFE8	880	---	640	---	160	2.0	2.0	5.0
ZS9 and ZM9 ZSF19 and ZMF19 ZSFE9 and ZMFE9	1000	---	740	---	160	2.0	2.0	5.0
ZS15	950	---	950	---	960	2.0	3.0	5.0
ZS17	950	---	1350	---	960	2.0	3.0	5.0

The options and accessories for the ZSFI, ZSFE, ZMFI and ZMFE range are in-line with the existing ZS/ZM range.

Variation 5.10

Add the new Group II Ex e IIC 'wedge shaped' enclosures type ZEA* and type ZMEA* range.

The new Group II Ex e IIC 'wedge shaped' enclosures type ZEA* and type ZMEA* are a range of fabricated sheet metal enclosures that are a similar design to the existing ZS1 to 9 and ZM1 to 9 enclosure range with regard to sealing methods and gland plates etc. The enclosures comprise of a lid and a body complete with a gland plate on the bottom face only. They have a 'wedged' side profile and the simpler 'single bend' flange on the body in-line with the ZSF/ZMF range, so that the aperture area is the full area of the enclosure. The lid is secured by 4 or more lid fixing screws. The hinge arrangement is a block and pin design that does not form part of the lid sealing arrangement. The hinge can be on the top, bottom or side face to suit the application. The gland plates are secured to the body by either bolts into sealed threaded inserts or nuts onto captive studs.

The enclosure has a one piece silicone gasket between the lid and body and also between the body and gland plate. The gasket material, sealing dimensions and gasket compression are similar to the existing ZS/ZM and in-line with the gasket material, sealing dimensions and gasket compression.

The ZEA* and ZMEA* enclosures have an IP66 rating.

The ZEA range are manufactured in stainless steel, with an option for the gland plate to be manufactured in brass. The ZMEA range are manufactured in mild steel except the gland plate and fixings that are manufactured in stainless steel with the option for the gland plate to be manufactured in brass. Mild steel lids and bodies are coated or plated to suit the application.

The range comprises typically 9 sizes:

TYPE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm) Full depth / Tapered depth	LID & BODY THICKNESS minimum (mm)	GLAND PLATE THICKNESS Minimum (mm)	
					Stainless Steel	Brass
ZEA231513 and ZMEA231513	229	152	125 / 66	1.5	2.0	5.0
ZEA262620 and ZMEA262620	260	260	190 / 79	1.5	2.0	5.0
ZEA303020 and ZMEA303020	306	306	190 / 80	1.5	2.0	5.0
ZEA352620 and ZMEA352620	350	260	190 / 80	1.5	2.0	5.0
ZEA403020 and ZMEA403020	400	300	190 / 88	1.5	2.0	5.0
ZEA463820 and ZMEA463820	458	382	190 / 82	1.5	2.0	5.0
ZEA484820 and ZMEA484820	480	480	190 / 86	1.5	2.0	5.0
ZEA553522 and ZMEA553522	550	350	205 / 86	1.5	2.0	5.0
ZEA624522 and ZMEA624522	620	450	205 / 83	1.5	2.0	5.0

Alternative sizes are permitted providing they are interpolated from within the existing size range, and that lid and gland plate fixing centres are equal to or less than those given in the range shown above as specified on the certification drawings listed above.

The gland plate or side/back panel of the body may be drilled with clearance holes for suitable certified cable glands or accessories. The size and location of the entry holes are addressed in the certification drawings listed above and on the Assembly Instructions.

Earthing is provided as standard by an M10 or M14 stainless steel internal/external earth stud assembly located on the body in a position to suit customer requirements, when required the stud may be M6. The threaded stud or hexagon head set screw is welded to the body. The stud is supplied fitted with stainless steel nuts and spring washers and copper shell washers. The earth stud may be reduced to M6 providing it is suitable for the required terminal/conductor size in accordance with IEC 60079-7. Optional internal earth studs may be welded to one or more of the gland plates and/or the lid to suit customer requirements.

An optional style of M10 up to M16 internal/external earth stud assembly via a threaded bush may be used. The Ingress Protection rating remains IP66.

On the inside of the enclosure there are two or more spot welded threaded studs for subsequent fixing of internal components and optional base plate.

There is an optional through hole facility in the lid/body flange for a suitable locking device, the hole does not affect the seal faces. There is a minimum of four mounting feet welded to the body.

When required for EMC purposes the exposed face of the gaskets may be covered with a self-adhesive fine/braid meshing, in-line with the existing ZS range. The Ingress Protection rating of the enclosure is reduced to IP65.

An optional window may be included in the lid for ZSEA262620/ZMS262620 size upwards. The Ingress Protection rating remains IP66.

The enclosures may be fitted with certified stopping plugs and breather drain devices in-line with the existing ZS1 to 9 and ZMS1 to 9 range.

The enclosures are fitted with a self-adhesive label on the inside of the lid.

Variation 5.11

Add the new larger size ZEJB3 and ZMEJB3 enclosure.

The new ZEJB3 and ZMEJB3 is in-line with the existing ZEJB1 and 2 and ZMEJB1 and 2 enclosures.

TYPE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	LID & BODY THICKNESS minimum (mm)
ZEJB3 and ZMEJB3	200	200	120	1.5

Variation 5.12

Add new Group I enclosures type ZEJBM1 and ZEJBM2.

The new Group I enclosures type ZEJBM1 and ZEJBM2 are in-line with the existing ZEJB* range except that they are only in stainless steel only and the lid and body are a minimum of 2mm thick.

The Ingress Protection Rating is IP66.

The Group I marking is as follows:

Ⓔ I M2 Ex e I Mb

Group I ZEJBM1 and ZEJBM2:

TYPE	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	Lid & Body Thickness Minimum (mm)
ZEJBM1	126	126	81.5	2.0
ZEJBM2	156	156	91.5	2.0

Variation 5.13

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

For Group II enclosures, the marking is as follows:

⊕ II 2G Ex ib IIC Gb

⊕ II 2D Ex ib IIC Db

OR

⊕ II 1G Ex ia IIC Ga

⊕ II 1D Ex ia IIC Da

For Group I EJBM1 and EJBM2 enclosures only, the marking is as follows:

⊕ I M1 Ex ia I Ma

Variation 5.14

The previous assessment was against IEC60079-31: 2013 as it was State of the Art at that time, however EN 60079-31: 2014 is now published. There are no technical differences between these two standards.

16 Report Number

GB/BAS/ExTR16.0059/00

17 Specific Conditions of Use

As listed previously and as follows:

1. The enclosure service temperature range is limited to -60°C to +80°C when the following optional items are used/fitted:
 - ~ Hawke M10 or M16 internal/external earth stud via a threaded bush
 - ~ Hawke internal/external earth stud to 9464
 - ~ EMC self-adhesive fine/braid mesh on gaskets
 - ~ Nyloc label fixing method.
2. For the Group I ZEJBM1 and ZEJBM2, the accessories shall be suitable certified Group I equipment.

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
9383	B	11/04/16	General Arrangement enclosure lid/window
9385	B	11/04/16	Stainless steel enclosure lid/window gasket
D2534 Sheet 1 of 4	H	12/04/16	ATEX/IECEx certification notes ZS, ZMS, ZST, ZMT, ZEA, ZMEA, ZEJB, ZMEJB and ZEJBM
D2534 Sheet 2 of 4	H	12/04/16	K-MASS coated stainless steel enclosures
D2534 Sheet 3 of 4	H	12/04/16	General Arrangement ZS15 & ZS17
D2534 Sheet 4 of 4	H	12/04/16	General Arrangement ZS15 & ZS17
C2600	A	20/07/16	General Arrangement ZS1-9 & ZMS1-9 and ZST1-9 & ZMT1-9
9409	B	12/04/16	ZEJB1, ZEJB2, ZEJB3 and ZMEJB1, ZMEJB2, ZMEJB3 GA
C2700	A	20/07/16	General Arrangement ZEA231513 – ZEA624522 & ZMEA231513 – ZMEA624522

All drawings are held with IECEx BAS 08.0064U and common to Baseefa08ATEX0207U.

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 Examination Certificate Number: **Baseefa08ATEX0207U/6**

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016

4 Product: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal empty 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. Baseefa08ATEX0207U 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. **17/0192**

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R S SINCLAIR
TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number Baseefa08ATEX0207U/6

15 Description of the variation to the Product

Variation 6.1

Minor drawing modifications to reposition lid fixing holes on smaller EA enclosures.

Variation 6.2

Minor drawing modifications to clarify Group I fixing requirements for the ZEJBM1 and 2.

Variation 6.3

Add optional M3/M4/M5 x up to 10mm long, welded or self-clinching studs to the outside of the lid for securing additional labelling, for Group II applications.

Variation 6.4

Add optional EMC wrap to lid and gland plate gaskets, with an IP66 rating.

16 Report Number

GB/BAS/ExTR17.0121/00

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
Changed Drawings:				
D2534	1 of 4	I	06/07/17	ATEX/IECEX certification notes ZS, ZMS, ZSF*, ZMF*, ZEA, ZMEA, ZEJB, ZMEJB and ZEJBM
D2534	2 of 4	I	06/07/17	K-MASS coated stainless steel enclosures
D2534	3 of 4	I	06/07/17	General Arrangement ZS15 & ZS17
D2534	4 of 4	I	06/07/17	General Arrangement ZS15 & ZS17
9409	---	C	20/11/17	ZEJB1, ZEJB2, ZEJB3 and ZMEJB1, ZMEJB2, ZMEJB3 GA
C2700	---	B	22/03/17	General Arrangement ZEA231513 – ZEA624522 & ZMEA231513 – ZMEA624522
New drawings:				
90100		A	06/07/17	EMC gasket

All drawings are held with IECEX BAS 08.0064U and common to Baseefa08ATEX0207U

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa08ATEX0207U/7**
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: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheet metal empty 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. Baseefa08ATEX0207U 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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SGS Baseefa Limited

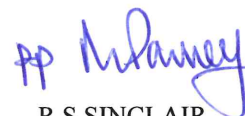
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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

M POWNEY
Certification
Manager

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Schedule

14

Certificate Number Baseefa08ATEX0207U/7

15 Description of the variation to the Product

Variation 7.1

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 ZS** and ZMS** range of sheet metal empty enclosures are now marked as follows:-

All Group II enclosures:

⊕ 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

Group I type ZEJBM1 and ZEJBM2 enclosures only:

⊕ II M2 Ex eb I Mb

⊕ II M1 Ex ia I Ma

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°C to +150°C 385: -60°C to +80°C	IP66
Hawke	Int/Ext Earth	IES10, IES6/12, ES6/12	IECExBAS09.0013U Baseefa09ATEX0039U -60°C 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	Sheet	Issue	Date	Description
Changed Drawings:				
D2534	1 of 4	J	17/10/18	ATEX/IECEX certification notes ZS, ZMS, ZSF*, ZMF*, ZEA, ZMEA, ZEJB, ZMEJB and ZEJBM
D2534	2 of 4	J	17/10/18	K-MASS coated stainless steel enclosures
D2534	3 of 4	J	17/10/18	General Arrangement ZS15 & ZS17
D2534	4 of 4	J	17/10/18	General Arrangement ZS15 & ZS17

All drawings are common to, and held on, IECEX BAS 08.0064U

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 **Baseefa08ATEX0207U/8**
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: **Type ZS1 to ZS9 and ZMS1 to ZMS9 range of sheets metal empty 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. Baseefa08ATEX0207U 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 Fimko Oy, Notified Body number 0598, 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.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

SGS Fimko Oy Customer Reference No. **0500**

Project File No. **20/0162**

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Manager

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Schedule

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Certificate Number Baseefa08ATEX0207U/8

15 Description of the variation to the Product

Variation 8.1

Modification to the lid gasket width on the ZS1 to 9 and ZM 1 to 9.

16 Report Number

GB/BAS/ExTR20.0048/00

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
Updated Drawing:				
*C2600	1 of 1	B	27/02/2020	General Arrangement Type: ZS1-9 & ZM1-9, ZSF*1-9 & ZMF*1-9 Empty Enclosure (Certification Drawing Only)
Obsolete Drawings:				
**C2525	---	---	---	General Arrangement ZS1 and ZMS1
**C2526	---	---	---	General Arrangement ZS2 and ZMS2
**C2527	---	---	---	General Arrangement ZS3 and ZMS3
**C2528	---	---	---	General Arrangement ZS4 and ZMS4
**C2529	---	---	---	General Arrangement ZS5 and ZMS5
**C2530	---	---	---	General Arrangement ZS6 and ZMS6
**C2531	---	---	---	General Arrangement ZS7 and ZMS7
**C2532	---	---	---	General Arrangement ZS8 and ZMS8
**C2533	---	---	---	General Arrangement ZS9 and ZMS9

* This drawing is common to, and held on, IECEx BAS 08.0064U

**All obsolete drawings are replaced by C2600, and they are removed from IECEx BAS 08.0064U and Baseefa08ATEX0207U.