

1 **EC - TYPE EXAMINATION CERTIFICATE**

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

3 EC - Type Examination Certificate Number: **Baseefa02ATEX0212X**

4 Equipment or Protective System: **A YODALEX TYPE YL60B SOUNDER/STROBE**

5 Manufacturer: **Clifford & Snell – A Division of Signature Industries Limited**

6 Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (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 equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **02(C)0198**

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

EN 50014: 1997+Amendments 1 and 2

EN 50018: 2000;

EN 50281-1-1: 1998

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

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⊕ II 2 G D EEx d IIB T 135°C (T_{amb} -35°C to +60°C)

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

Baseefa (2001) Ltd. Customer Reference No. **0220**

Project File No. **02/0198**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa (2001) Ltd.

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R S SINCLAIR

DIRECTOR

On behalf of

Baseefa (2001) Ltd.



Schedule

13 Description of Equipment or Protective System

A YODALEX TYPE YL60B SOUNDER/STROBE is an audible/visual alarm device comprising a cast aluminium body and end covers each secured by four M5, 30mm long socket head cap screws grade A4-80.

One end cover accommodates a well glass assembly and the other a sounder assembly.

The well glass assembly comprises a toughened glass part cemented into the end cover with a silicone material and retained with a threaded steel clamping ring.

A coloured polycarbonate lens is fitted over the well glass and is fixed in position by screws. In addition a wire guard is clipped into position over the lens.

The sounder assembly comprises a breathing device (sinter) located in a centrally machined bore provided in the end cover by an interference fit and is retained internally by a circlip. Cemented in position externally to this arrangement is a moulded trumpet to which is fixed, by screws, a horn cover.

A nitrile rubber 'O' ring is provided within a machined groove at each face of the body to which each end cover is secured.

A printed circuit board arrangement incorporating terminal facilities is located between guide channels integrally cast with the inside wall of the body and held in position by the sounder unit.

Soldered to the top edge of the board is a xenon lamp rated at 5J which is positioned centrally within the well glass.

Internal and external earth facilities are provided.

The equipment provides a degree of ingress protection of IP66.

The equipment is intended to be so mounted that it operates with the horn cover orientated upwards.

Cable entry holes are provided as specified on the certificate schedule drawings for the accommodation of suitable BASEEFA certified flameproof cable entry devices, with or without the interposition of a suitable BASEEFA certified flameproof thread adapter. The cabling methods used in service must be suitable for the conditions of use. Any unused cable entry hole is to be fitted with a suitable BASEEFA certified flameproof stopping plug.

Suitable flameproof cable entry devices, thread adapters and stopping plugs certified as Equipment (not a Component) under an EC-Type Examination Certificate to Directive 94/9/EC may also be used in the manner indicated above.

Due to the lens, horn cover and trumpet materials presenting a possible electrostatic risk, and therefore to obviate the risk of creating an ignition source, a warning label is fixed externally to the enclosure indicating that these should be cleaned only with a damp cloth.

The YODALEX TYPE YL60B SOUNDER/STROBE may also be identified as:-

- i) A YODALEX TYPE YL60B AUDIBLE/VISUAL ALARM or
- ii) A YODALEX TYPE YL6.

The equipment is available in the following ratings:-

- i) 24Vd.c., 570mA
- ii) 115Va.c., 200mA
- iii) 230Va.c., 100mA

The designation code is made up as follows:-

YL60B*50*EU



where the first * indicates the voltage rating (D= 24V d.c.; L=115Va.c.; N=230Va.c.)
and the second * indicates the lens colour

VARIATION 0.1

Omission of the well glass assembly and replacement by a plain flat end cover. The printed circuit board is replaced by a version designed to control the sounder only and which incorporates terminal facilities.

In this form the equipment is designated;

A YODALEX TYPE YA60B SOUNDER.

The equipment is intended to be so mounted that it operates with the horn cover orientated upwards.

The equipment is available in the following ratings:-

- i) 24Vd.c., 350mA
- ii) 115Va.c., 110mA
- iii) 230Va.c., 55mA

The designation code is made up as follows:-

YA60B*EU

where * indicates the voltage rating (D= 24V d.c.; L=115Va.c.; N=230Va.c.)

The YODALEX TYPE YA60B SOUNDER may also be identified as:-

- i) **A YODALEX TYPE YA60B AUDIBLE ALARM**
- ii) **A YODALEX TYPE YO6.**

VARIATION 0.2

Omission of the sounder assembly and replacement by a plain flat end cover. The printed circuit board is replaced by a version designed to control the xenon lamp only and which incorporates terminal facilities.

In this form the equipment is designated;

A YODALEX TYPE FL60B STROBE.

The equipment is intended to be so mounted that it operates with the well glass cover orientated downwards.

The equipment is available in the following ratings:-

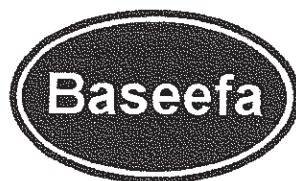
- i) 24Vd.c., 220mA
- ii) 115Va.c., 90mA
- iii) 230Va.c., 45mA

The designation code is made up as follows:-

FL60B*50*EU

where the first * indicates the voltage rating (D= 24V d.c.; L=115Va.c.; N=230Va.c.)

and the second * indicates the lens colour



The YODALEX TYPE FL60B STROBE may also be identified as:

- i) A YODALEX TYPE FL60B VISUAL ALARM or
- ii) A YODALEX TYPE V6.

14 Report Number

02(C)0198

15 Special Conditions for Safe Use

1. The equipment incorporates flameproof joints which have a maximum gap less than that stated in the standard EN 50018:2000 to which it is certified.

The user must ensure that the diametric clearance associated with the spigot joint at each end cover does not exceed 0.064mm and that the gap between the face of each end cover and the body does not exceed 0.038mm.

2. For replacement purposes the end cover fixing screws shall be of minimum grade A4-80 stainless steel.
3. The cable entry device shall be suitably sealed to maintain the IP66 rating.

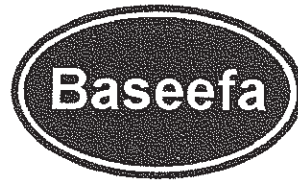
18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
D7004	4	21-1-03	General Arrangement
D7003	3	21-1-03	General Assembly
D6979	15	21-1-03	Body
D6982	11	21-1-03	End Cover-Audible Unit
D6981	8	21-1-03	End Cover-Visual Unit
D6980	8	21-1-03	End Cover-Blanking
D6985	5	21-1-03	Sinters
D6977	4	10-12-02	Well Glass Details
D7296	1	21-1-03	Well Glass Assembly
D6984	5	21-1-03	Clamping Ring
D7299	1	21-1-03	Sounder Device
D7298	1	21-1-03	Sounder Device Assembly
D7297/A	1	21-1-03	PCB Assembly (DC Audible/Visual)
D7297/B	1	21-1-03	PCB Assembly (DC Audible)
D7297/C	1	21-1-03	PCB Assembly (DC Visual)
D7300/A	1	21-1-03	PCB Assembly (AC Audible/Visual)
D7300/B	1	21-1-03	PCB Assembly (AC Audible)
D7300/C	1	21-1-03	PCB Assembly (AC Visual)
D7301/A	1	21-1-03	PCB Assembly(AC with Tx Audible/Visual)
D7301/B	1	21-1-03	PCB Assembly(AC with Tx Audible)
D7301/C	1	21-1-03	PCB Assembly(AC with Tx Visual)
D7303/A	1	8-1-03	Certification Label (YL60)
D7303/B	1	8-1-03	Certification Label(YA60)
D7303/C	1	8-1-03	Certification Label (FL60)
D6988	2	21-1-03	Mounting Bracket
D6978	6	21-1-03	Guard

These drawings are common to EC-Type Certificates Baseefa02ATEX0222X and Baseefa02ATEX0212X and are held with Baseefa02ATEX0212X.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/1**

4 Equipment or Protective System: **A YODALEX TYPE YL60B SOUNDER STROBE**

5 Manufacturer: **Clifford & Snell - A Division of Signature Industries Limited**

6 Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa02ATEX0212X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

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Baseefa (2001) Ltd. Customer Reference No. **0220**

Project File No. **03/0439**

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

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13

Schedule

14

Certificate Number Baseefa02ATEX0212X/1

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

Variation 1.1

Change to untoughened glass for the well glass assembly together with the fitting of a modified wire mesh guard to provide protection from impact. The guard is permanently secured to the body of the well glass assembly by a tamper proof fixing screw at each of four positions around the periphery.

16 **Report Number**

Baseefa Certification Report 03(CI)0439

17 **Special Conditions for Safe 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
D7004	5	24-6-03	General Arrangement
D7003	4	24-6-03	General Assembly
D6981	9	24-6-03	End Cover – Visual Unit
D7296	2	24-6-03	Well Glass Flange Assembly
D6977	5	24-6-03	Well Glass Details
D6978	7	24-6-03	Guard

These drawings are common to EC-Type Certificates Baseefa02ATEX0222X/1 and Baseefa02ATEX0212X/1 and are held with the latter.



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

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

- 3** Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/2**
- 4** Equipment or Protective System: **A YODALEX TYPE YL60B SOUNDER STROBE**
- 5** Manufacturer: **Clifford & Snell – A Division of Signature Industries Limited**
- 6** Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**
- 7** This supplementary certificate extends EC – Type Examination Certificate No. Baseefa02ATEX0212X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa (2001) Ltd. Customer Reference No. 0220

Project File No. 03/0570

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13

Schedule

14

Certificate Number Baseefa02ATEX0212X/2

15

Description of the variation to the Equipment or Protective System

Variation 2.1

Alternative cement material for the well glass assembly and modification of dimensions and tolerances for the wire guard.

16 Report Number

Baseefa Certification Report N° 03(CI)0570

17 Special Conditions for Safe 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
D7326	1	30-7-03	Well Glass Flange Assembly
D6978	8	25-7-03	Guard

These drawings are common to EC-Type Certificates Baseefa02ATEX0222X/2 and Baseefa02ATEX0212X/2 and are held with the latter.



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

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

- 3** Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/3**
- 4** Equipment or Protective System: **A Yodalex Type YL60B Sounder Strobe**
- 5** Manufacturer: **Signature Industries Limited**
- 6** Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**
- 7** This supplementary certificate extends EC – Type Examination Certificate No. Baseefa02ATEX0212X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **0220**

Project File No. **04/0587**

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On behalf of
Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa02ATEX0212X/3

15 Description of the variation to the Equipment or Protective System

Variation 3.1

Alternative body manufactured from extruded aluminium with four M5, 16mm long, 0.8mm pitch grade A4-80 socket head cap screws used to secure the end covers.

Variation 3.2

Arrangement for the sinter assembly comprising a stainless steel sinter and cylindrical housing.

Variation 3.3

Alternative glass type.

Variation 3.4

Modification of the width of the 'O' ring groove located on the end faces of the body.

Variation 3.5

Introduction of a 48V d.c. version of the equipment having the following current rating;

For the:-

- sounder/strobe version, the current rating is 435mA
- strobe version, the current rating is 135mA
- sounder version, the current rating is 300mA

16 Report Number

Baseefa Certification Report No 04(C)0587

17 Special Conditions for Safe 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
D7004	6	16-12-04	General Arrangement
D6979	16	26-07-05	Casting Body
D7381	1	16-12-04	General Arrangement - Extruded Body Version
D7359	1	02-08-05	Extruded Body Version - Machining Detail
D6985	7	16-12-04	Sinter Details
D6977	6	01.11.05	Well Glass Details
D7303/D	1	22.11.05	Certification Label Details 48V dc Version

These drawings are common to certificates Baseefa02ATEX0212X and Baseefa02ATEX0222X and are held with the former.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

- 3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/4**
- 4 Equipment or Protective System: **A Yodalex Type YL60B Sounder Strobe**
- 5 Manufacturer: **Signature Industries Ltd.**
- 6 Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**
- 7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **0220**

Project File No. **06/0552**

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On behalf of
Baseefa (2001) Ltd.

Re-issued 28 March 2008 to replace original



13

Schedule

14

Certificate Number Baseefa02ATEX0212X/4

15 Description of the variation to the Equipment or Protective System

Variation 4.1

To permit the addition of new types 10J and 20J to the range

Variation 4.2

Clarification of drawings

16 Report Number

Baseefa IECEx Certification Report GB/BAS/ExTR06.0165/00

17 Special Conditions for Safe 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
D7461	A	26/6/06	20J V6 (dc) PCB Assembly
D7462	A	27/6/06	10J V6 (dc) PCB Assembly
D7463	D	16/1/07	10J V6 (ac) PCB Assembly
D7464	A	26/6/06	Yodalex Baseefa Labels (FL60)
D7465	A	26/6/06	YODALEX Baseefa Labels (FL60)
D7468	D	16/1/07	20J V6 (ac) PCB Assembly
D7477	1	22/08/06	PCB Assy (with PSU) Overall Dimensions Sounder-Strobe (AC)
D7478	1	24/08/06	PCB Module Assy Sounder-Strobe (AC)
D7479	1	24/08/06	PSU PCB Module Assy Strobe (AC)
D7500-003	1	11/12/07	Sintered Filter
WD9540	C	04/07/06	Yodalex 10/20W Circuit Diagram

All of the above drawings are common to Baseefa02ATEX0222X and IECEx BAS 05.0087X, and are common to and held with IECEx BAS 05.0086X.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/5**

4 Equipment or Protective System: **A Yodalex Type YL60B Sounder Strobe**

5 Manufacturer: **Signature Industries Ltd.**

6 Address: **Tom Cribb Road, Thamesmead, London SE28 0BH**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **0220**

Project File No. **06/0778**

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DIRECTOR
On behalf of
Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa02ATEX0212X/5

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

Variation 3.1

To permit the use of a polycarbonate lens on the 5 Joule (also known as the '5J') model.

16 **Report Number**

Baseefa Certification Report 06(C)0778

17 **Special Conditions for Safe 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
D8105	1	2/10/07	Polycarbonate Strobe



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/6**

4 Equipment or Protective System: **A Yodalex Type YL60B Sounder/Strobe**

5 Manufacturer: **Signature Industries Ltd.**

6 Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. **0220**

Project File No. **08/0207 & 08/0221**

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

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

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa02ATEX0212X/6

15 Description of the variation to the Equipment or Protective System

Variation 6.1

To permit the YODALEX TYPE FL60B Sounder/Strobe units, fitted with a 5J lamp where applicable, to be alternatively marked:

T6 (T_{amb} -35°C to +40°C) or

T85°C (T_{amb} -35°C to +40°C)

Variation 6.2

The YODALEX TYPE FL60B Sounder/Strobe assemblies are considered to comply with EN60079-0: 2006, EN60079-1: 2007, EN61241-0: 2006 and EN62141-1: 2004.

The assemblies are marked.

⊕ II 2G D Ex d IIB

16 Report Number

Baseefa IECEX Certification Report GB/BAS/ExTR08.0115/00 for Variation 6.1

Baseefa 08(C)0207 for Variation 6.2

17 Special Conditions for Safe 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
D8127/D	-	1	15.07.08	Yodalex Labels (FL60) T6
D8127/E	-	1	15.07.08	Yodalex Labels (YL60) T6
D8127/F	-	1	15.07.08	Yodalex Labels (YA60) T6
D7303/A	-	2	15.07.08	Yodalex Labels (YL60)
D7303/B	-	2	15.07.08	Yodalex Labels (YA60)
D7303/C	-	2	15.07.08	Yodalex Labels (FL60)
D7303/D	-	2	15.07.08	Yodalex Labels – 48Volts

The above drawings are common to Baseefa02ATEX0222X/6.



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

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

3 Supplementary EC - Type Examination Certificate Number: Baseefa02ATEX0212X/7

4 Equipment or Protective System: A Yodalex Type YL60B Sounder/Strobe

5 Manufacturer: Signature Industries Ltd.

6 Address: Tom Cribb Road, Thamesmead, London, SE28 0BH

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa02ATEX0212X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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Baseefa Customer Reference No. 0220

Project File No. 08/0678

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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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.


R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

14

Certificate Number Baseefa02ATEX0212X/7

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

Variation 7.1

To permit the end cap, strobe flange and sounder flange to be alternatively machined from aluminium alloys.

Variation 7.2

To permit alternative self adhesive labels.

16 **Report Number**

GB/BAS/ExTR08.0197/00 for Variation 7.1

GB/BAS/ExTR08.0121/00 for Variation 7.2

17 **Special Conditions for Safe 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
D7381	-	5	16.09.08	General Assembly – Extruded Body
6980		9	22.09.08	Casting – End Cap
D6981	1	10	22.09.08	Strobe Flange
6982		12	22.09.08	Casting – Sounder Flange
D8112	-	1	10.09.08	Labels – Audible Alarm
D8113	-	1	10.09.08	Labels – Audible / Visual Alarm
D8114	-	1	10.09.08	Labels – Visual Alarm

These drawings are common to Baseefa02ATEX0222X, IECEX BAS 05.0086X and IECEX BAS 05.0087X, and are held with IECEX BAS 05.0086X.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/8**

4 Equipment or Protective System: **Yodalex Type YL60B Sounder/Strobe Units**

5 Manufacturer: **Signature Industries Limited**

6 Address: **Tom Cribb Road, Thamesmead, London, SE28 0BH**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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. **0220**

Project File No. **09/1024**

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

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Certificate Number Baseefa02ATEX0212X/8

15 Description of the variation to the Equipment or Protective System

Variation 8.1

Clarification of drawing detail, including:-

- a. A revised external earth arrangement.
- b. Clarification to the sinter specification.
- c. Clarification of the polycarbonate specification.
- d. Alternative seal/washer on the fixing screws.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR10.0076/00

17 Special Conditions for Safe 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
D7381	7	02/02/10	Flamepath Detail, Mk2 Extruded Body
D7359	7	08/02/10	Machining, Extruded Body
D8105	2	02/02/10	Polycarbonate Strobe
D6977	9	03/11/09	Glass Strobe
D6988	4	27/04/09	Bracket
6985	8	26/10/09	Sinter

These drawings are common to IECEx BAS 05.0086X, IECEx BAS 05.0087X and Baseefa02ATEX0222X. They are held on the technical file for IECEx BAS 05.0086X.

Note. The 'D' Prefix to drawing 6985 has now been omitted, but the drawing content remains the same (except for the variations noted above).



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/9**

4 Equipment or Protective System: **A Yodalex Type YL60B Sounder/Strobe**

5 Manufacturer: **R. Stahl Schaltgerate GmbH**

6 Address: **Am Bahnhof 30, 74638 Waldenburg, Germany.**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

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. **6645**

Project File No. **10/0611**

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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Certificate Number Baseefa02ATEX0212X/9

15 Description of the variation to the Equipment or Protective System

Variation 9.1

To permit the addition of four dome support pillars, alternative cover screw seal arrangements and various minor modifications and drawings changes.

16 Report Number

Baseefa certification Report GB/BAS/ExTR10.0223/00

17 Special Conditions for Safe Use

None additional to those listed previously.

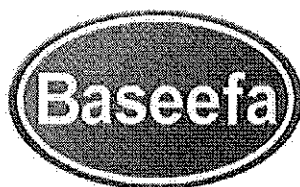
18 Essential Health and Safety Requirements

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

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
D7381	1	8	26.07.10	General Assembly – Extruded Body
D7359	1	8	23.02.10	Extruded Body - Machined
6980	-	10	16.03.10	Casting – End Cap
D6981	1	13	16.03.10	Strobe Flange
6982	-	13	16.03.10	Casting – Sounder Flange
D6982	1	14	26.04.10	Sounder Flange

These drawings are common to Baseefa02ATEX0222X, IECEx BAS 05.0086X and IECEx BAS 05.0087X, and are held with IECEx BAS 05.0086X.



1 October 2010

CHANGE REGISTRATION

This is to certify that the following change(s) have been accepted:

Holder of certificate: Signature Industries Limited
Tom Cribb Road
Thamesmead
London
SE28 0BH

Change details: The name and address of the certificate holder is now:



R.STAHL Schaltgerate GmbH
Am Bahnhof 30,
74638 Waldenburg (Wurtt.).
Germany

Certificates affected: BAS02ATEX1190X BAS02ATEX1248X
Baseefa02ATEX0212X Baseefa02ATEX0222X
Baseefa05ATEX0075X Baseefa08ATEX0189X
Baseefa08ATEX0191X Baseefa08ATEX0194X
Baseefa08ATEX0269X

The purpose of this document is to permit existing information (for example on Certificate Schedule Drawings or label marking) to be replaced by equivalent new information as described above. No other change may be made to the certified design.

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1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/10**

4 Equipment or Protective System: **A Yodalex Type YL60B Audible/Visual Alarm**

5 Manufacturer: **R. Stahl Schaltgerate GmbH**

6 Address: **Am Bahnhof 30, 74638 Waldenburg (Wurttemberg), Germany.**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN60079-0: 2009 EN60079-1: 2007 EN60079-31: 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 2 GD Ex d IIB T* Ta -35°C to + **°C Gb Ex tb IIIC T*°C Ta -35°C to + **°C Db IP66**

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. **6645**

Project File No. **11/0217**

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 black ink, appearing to read "R S Sinclair".

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa02ATEX0212X/10

15

Description of the variation to the Equipment or Protective System

Variation 10.1

Minor clarification and deletion of certification drawings together with deletion of the alternative type designations, YL 60 Sounder/strobe, YL6, YA60 sounder, YO6, FL60 strobe and V6.

Variation 10.2

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN60079-0: 2009, EN60079-1: 2007 and EN60079-31: 2009 in respect of the differences from the standards to which this certificate was issued.

The Yodalex Audible/Visual Alarm YL60B, the Yodalex Audible Alarm YA60B, and the Yodalex Visual Alarm FL60B are marked:-

Ex d IIB T4 Ta -35°C to + 60°C Gb

Ex tb IIIC T135°C Ta -35°C to + 60°C Db IP66

or when provided with a 5J xenon, where applicable

Ex d IIB T6 Ta -35°C to + 40°C Gb

Ex tb IIIC T85°C Ta -35°C to + 40°C Db IP66

16

Report Number

Baseefa Certification Report GB/BAS/ExTR11.0080/00.

17

Specific Conditions of Use

None additional to those listed previously

18

Essential Health and Safety Requirements

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

19

Drawings and Documents

Number	Sheet	Issue	Date	Description
D7381	-	10	08.08.11	General Assembly / Flamepath Details
D7359	-	11	22.08.11	Body Machined
D6981	-	15	22.08.11	Strobe Flange
D6982	-	15	22.08.11	Sounder Flange - Cast
D8270	-	2	08.08.11	Sounder Flange – Solid Machined
D7500-003	-	2	03.06.11	Sinter Details
D6980	-	12	08.08.11	End Cap
D6978	-	11	21.03.11	Wire Guard
D8105	-	3	03.06.11	Polycarbonate Lens



Number	Sheet	Issue	Date	Description
D6984	-	9	03.06.11	Lens Clamp Ring
D6977	-	11	03.06.11	Glass Lens
D8112	-	3	17.01.12	Label Details – YA60 Audible Alarm
D8113	-	3	17.01.12	Label Details – YL60 Audible/Visual Alarm
D8114	-	3	17.01.12	Label Details – FL60 Visual Alarm

These drawings are common to Baseefa02ATEX0222X, IECEx BAS 05.0086X and IECEx BAS 05.0087X, and are held with IECEx BAS 05.0086X.

Drawings D7303/A, D7303/B, D7303/C, D7303/D, D7464, D7465 D7400, D7403, D6979 D6985, are no longer associated with this certificate.

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0212X/11**

4 Equipment or Protective System: **A Yodalex Type YL60B Audible/Visual Alarm**

5 Manufacturer: **R. Stahl Schaltgerate GmbH**

6 Address: **Am Bahnhof 30, 74638 Waldenburg (Wurttt.), Germany.**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa02ATEX0212X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

Baseefa Customer Reference No. **6645**

Project File No. **13/0273**

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R S SINCLAIR
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa02ATEX0212X/11

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

Variation 11.1

To permit the use of an alternative sinter as used in the Yodalex Type YL60C Audible/Visual Alarm.

16 **Report Number**

GB/BAS/ExTR13.0088/00

17 **Specific Conditions of Use**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

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

19 **Drawings and Documents**

None.