



EC-TYPE EXAMINATION CERTIFICATE

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

EC-Type Examination Certificate Number : **BAS00ATEX2097X**

Equipment or Protective System: **TYPE DB4 SPEAKER UNIT**

Manufacturer: **MEDC**

Address: **Pinxton, Nottingham, NG16 6JF**

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

The Electrical Equipment Certification Service, notified body number 600 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 N°

BASEEFA Report No. 00(CI)0430 dated 16 June 2000

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

EN 50014: 1997 + Amds 1 & 2

EN 50018: 1994

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

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.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

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



EEx d IIC T4 (see schedule)

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

File No: **EECS 0676/01/362**

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



Electrical Equipment Certification Service
Health and Safety Executive
Harpur Hill, Buxton, Derbyshire. SK17 9JN. United Kingdom
Tel: 01298 28000 Fax: 01298 28244



I M CLEARE
DIRECTOR
20 June 2000



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EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X

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Description of Equipment or Protective System

The Type DB4 Speaker Unit is rated up to 100V with a maximum power dissipation of 25 watts for use in an ambient temperature range of -20°C to +50°C. The unit comprises a cylindrical enclosure complete with an external horn flare manufactured in glass reinforced polyester.

The enclosure has the option of either a long or short flare arrangement, each permanently fixed to the cylindrical enclosure body to form the end wall. A stainless steel sinter is mounted internally at the centre of each horn flare to facilitate the transmission of sound energy.

The other end of the body is closed by a flat cover which is secured by 6 off M5 x 25mm stainless steel socket head cap screws grade A2-70 or A 4-80. Each screw may optionally be machined to provide retention within the counterbores of the cover.

The interior of the Type DB4 Speaker Unit comprises a speaker driver unit with a transformer and a 15A terminal block (up to nine way), mounted to the rear. Alternatively the transformer assembly may be replaced by a connector plate arrangement with a 6 way terminal block rated up to 24A.

Internal earthing facilities are provided adjacent to the internal component connections.

Up to two M20 or M25 cable entries are provided in the side wall of the enclosure for the accommodation of suitable BASEEFA certified flameproof cable entry devices, with or without the interposition of a suitable BASEEFA certified flameproof thread adapter. Unused entries are to be fitted with suitable BASEEFA certified flameproof stopping plugs. 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.

This apparatus is to be installed and used in accordance with the appropriate codes of practice and the manufacturer's instructions.

This certification is to European Directive 94/9/EC only. Functional performance and compliance with other European directives is the responsibility of the equipment manufacturer and/or the user as appropriate.

VARIATION 0.1

The interior of the unit may be replaced by a speaker driver unit and a sound signal generating PCB to form:-

A Type DB3 Sounder Unit.

In this form the unit may be rated up to 254V a.c. or 48V d.c. with a maximum power dissipation of 15 watts and has a Temperature Classification of T5 with an ambient temperature range of -20°C to +55°C.



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EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X

VARIATION 0.2

The above DB4 & DB3 arrangements may be used at a reduced ambient temperature of -55°C. The low ambient temperature models are to remain unpainted and are redesignated as:-

Type DB4L Speaker Units & DB3L Sounder Units

VARIATION 0.3

The maximum power dissipation of the Type DB4 & DB4L Speaker Units may be restricted to less than 15W with a corresponding reduction in the Temperature Classification to T5 and an increased maximum permitted ambient temperature of +55°C.

MARKING SUMMARY

The following table is a summary of the permitted power rating, ambient temperature and Temperature Class combinations permitted for each type of unit:-

Type	Power Rating	Ambient temp	T Class
DB4	≤15W	-20°C to +55°C	T5
	>15W	-20°C to +50°C	T4
DB4L	≤15W	-55°C to +55°C	T5
	>15W	-55°C to +50°C	T4
DB3	≤15W	-20°C to +55°C	T5
DB3L	≤15W	-55°C to +55°C	T5

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Report No.

BASEEFA Certification Report No. 00(CI)0430

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Special Conditions For Safe Use

1. This apparatus is not suitable for use in atmospheres containing carbon disulphide.
2. Painting and surface finishes, other than those applied by the manufacturer, are not permitted.



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EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X

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Essential Health and Safety Requirements

Essential Health and Safety Requirements not covered by Standards listed at (9)		
Clause	Subject	Compliance
1.0.2	Analysis of possible operating faults	BASEEFA Report No. 00(CI)0430
1.0.3	Special checking and maintenance conditions	No special requirements
1.2.2	Components for incorporation or replacement	Manufacturer's Instructions
1.2.4	Dust deposits	Certification for gas atmospheres only
1.2.5	Additional means of protection	Not applicable
1.2.7	Protection against other hazards	BASEEFA Report No. 00(CI)0430
2.0.	Category M	Not applicable
2.1.	Category 1	Not applicable
2.2.1	Category 2G	BASEEFA Report No. 00(CI)0430
2.2.2	Category 2D	Not applicable
2.3.	Category 3	Not applicable
3.	Requirements for protective systems	Not applicable

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DRAWINGS

<u>Number</u>	<u>Issue</u>	<u>Date</u>	<u>Description</u>
* 199-366 Sheets 1 & 2	A	03/05/00	General Arrangement Type DB4 Speaker Unit
* 219-256	A	04/05/00	General Arrangement DB3 Sounder
* 199-371	A	25/05/00	Alternative Label Positions

* Drawings common to Certificate No. BAS 00ATEX2098X on EECS file No. 0676/01/361

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

BASEEFA List Keywords
2LOUDSPE



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: **BAS00ATEX2097X/1**

4 Equipment or Protective System: **TYPE DB4 SPEAKER UNIT**

5 Manufacturer: **MEDC**

6 Address: **Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS00ATEX2097X 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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File No: EECS 0676/01/362

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Electrical Equipment Certification Service
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I M CLEARE
DIRECTOR
28 July 2000



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14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X/1**

Description of the Variation to the Equipment or Protective System

VARIATION 1.1

Optional addition of a PCB mounted capacitor within the DB4 and DB4L units.

Report No.

Not applicable.

Special Conditions For Safe Use

See original certificate.

Essential Health and Safety Requirements

See original certificate.

DRAWINGS

Number	Sheet	Issue	Date	Description
*199-366	1 & 2	B	17/07/00	General Arrangement Type DB4 Speaker Unit

Drawings common to Certificate No BAS00ATEX2098X held on EECS File No. 0676/01/361.

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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: **BAS00ATEX2097X/2**

4 Equipment or Protective System: **TYPE DB4 SPEAKER UNIT**

5 Manufacturer: **MEDC LIMITED**

6 Address: **Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS00ATEX2097X 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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I M CLEARE
DIRECTOR
16 January 2001



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Schedule

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X/2**

Description of the Variation to the Equipment or Protective System

VARIATION 2.1

Alternative type designations for the Type DB4 Speaker Unit comprising:-

LBC 3437/00 (15W unit), or
LBC 3438/00 (25W unit)

Report No.

Not applicable.

Special Conditions For Safe Use

See original certificate.

Essential Health and Safety Requirements

See original certificate.

DRAWINGS

Number	Sheet	Issue	Date	Description
*199-366	1 & 2	B	17/07/00	General Arrangement Type DB4 Speaker Unit

*No drawing change for this variation.

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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: BAS00ATEX2097X/3**

4 **Equipment or Protective System: TYPE DB4 SPEAKER UNIT**

5 **Manufacturer: MEDC LIMITED**

6 **Address: Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS00ATEX2097X 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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File No: EECS 0676/01/362

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I M CLEARE
DIRECTOR
15 March 2001



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Schedule

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X/3**

Description of the Variation to the Equipment or Protective System

VARIATION 3.1

Alternative terminal arrangement incorporating thermal fuses.

Report No.

Not applicable.

Special Conditions For Safe Use

See original certificate.

Essential Health and Safety Requirements

See original certificate.

DRAWINGS

Number	Sheet	Issue	Date	Description
*199-366	1 & 2	C	01/03/01	General Arrangement Type DB4 Speaker Unit

*Drawing common to Certificate No BAS00ATEX2098X held on EECS file no. 0676/01/361

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



1 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use**
3 **in Potentially explosive atmospheres**
4 **Directive 94/9/EC**

5 Supplementary EC-Type Examination Certificate Number: **BAS00ATEX2097X/4**

6 Equipment or Protective System: **TYPE DB4 SPEAKER UNIT**

7 Manufacturer: **MEDC LIMITED**

8 Address: **Pinxton, Nottingham, NG16 6JF**

9 This supplementary certificate extends EC-Type Examination Certificate No. BAS00ATEX2097X
10 to apply to equipment or protective systems designed and constructed in accordance with the
11 specification set out in the Schedule of the said Certificate but having any variations specified in the
12 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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File No: EECS 0676/01/362

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I M CLEARE
DIRECTOR
29 August 2001



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Schedule

14 SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS00ATEX2097X/4

Description of the Variation to the Equipment or Protective System

VARIATION 4.1

Extension to the scope of this certificate to include Combustible Dust Atmospheres by virtue of compliance with EN 50281-1-1: 1998.

The certification marking is now amended as follows:-

UNIT DESIGNATION		POWER RATING	MARKING
DB4 or	LBC 3437/00	≤15W	Ⓔ II 2 GD EEx d IIC T100°C (-20°C T _{amb} +55°C)
	LBC 3438/00	>15W	Ⓔ II 2 GD EEx d IIC T135°C (-20°C T _{amb} +50°C)
DB4L		≤15W	Ⓔ II 2 GD EEx d IIC T100°C (-55°C T _{amb} +55°C)
		>15W	Ⓔ II 2 GD EEx d IIC T135°C (-55°C T _{amb} +50°C)
DB3		≤15W	Ⓔ II 2 GD EEx d IIC T100°C (-20°C T _{amb} +55°C)
DB3L		≤15W	Ⓔ II 2 GD EEx d IIC T100°C (-55°C T _{amb} +55°C)

Report No.

None.

Special Conditions For Safe Use

In addition to the conditions listed on the previous certificates:-

1. When used in dust atmospheres the flameproof cable entry devices or stopping plugs shall be selected and installed to maintain the dust tight (IP6X) integrity of the enclosure.

Essential Health and Safety Requirements

The requirements for dust atmospheres (i.e. Category 2D) are now met by virtue of compliance with EN 50281-1-1: 1998.

DRAWINGS

Number	Issue	Date	Description
*199-366 Sheets 1 & 2	D	06/08/01	General Arrangement Type DB4 Speaker
*219-256	B	06/08/01	General Arrangement Type DB3 Sounder

* Drawings are common to Certificate No. BAS00ATEX2098X/3 and are held on EECS file No. 0676/01/362.

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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 : **BAS00ATEX2097X/5**
- 4** Equipment or protective system: **DB4 SPEAKER UNIT**
- 5** Manufacturer : **MEDC**
- 6** Address : **Colliery Road, Pinxton, Nottingham NG16 6JF**
- 7** This supplementary certificate, issued by Baseefa (2001) Ltd., Notified Body Number 1180, extends EC - Type Examination Certificate No. BAS00ATEX2097X 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

The Electrical Equipment Certification Service, Notified Body Number 0600, retains responsibility for its original documentation. Baseefa (2001) Ltd. is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate that it has issued.

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

Baseefa (2001) Ltd. Customer Reference No.0676

Project File No.02/0208

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.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.

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Schedule

Description of the variation to the Equipment or Protective System

Variation 5.1

Introduction of an 1/2" NPT cable entry option for the Type DB3 & DB3L Sounder Units only.

Variation 5.2

Optional increase in the maximum permitted ambient temperature to 70°C for units rated up to 15W only.

Units marked with the 70°C ambient have a Temperature Classification of T135°C.

Report No.

Baseefa Certification Report No. 02(C)0208

Special Conditions for Safe Use

As original certificate

Essential Health and Safety Requirements

As original certificate

Drawings and Documents

<u>Number</u>	<u>Issue</u>	<u>Date</u>	<u>Description</u>
* 199-366 Sheets 1 & 2	E	08/03/02	General Arrangement, DB4 Speaker
* 219-256	C	07/03/02	General Arrangement, DB3 Sounder

* These drawings are common to BAS00ATEX2098X



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: **BAS00ATEX2097X/6**
- 4** Equipment or Protective System: **DB4 SPEAKER UNIT**
- 5** Manufacturer: **MEDC Limited**
- 6** Address: **Colliery Road, Pinxton, Nottingham NG16 6JF**
- 7** This supplementary certificate extends EC – Type Examination Certificate No. BAS00ATEX2097X 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.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa (2001) Ltd., Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

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

Baseefa (2001) Ltd. Customer Reference No. 0676

Project File No. 04/0233

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

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



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Schedule

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Certificate Number BAS00ATEX2097X/6

15 Description of the variation to the Equipment or Protective System

Variation 6.1

Optional addition of a diode and/or a transient voltage suppressor to the terminals of the sounder PCB in the DB3 & DB3L Units.

16 Report Number

None

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
* 219-256	D	16/03/04	General Arrangement, DB3 Sounder Units

* This drawing is common to BAS00ATEX2098X



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: **BAS00ATEX2097X/7**

4 Equipment or Protective System: **DB4 SPEAKER UNIT**

5 Manufacturer: **MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC - Type Examination Certificate No. **BAS00ATEX2097X** 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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This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. 0676

Project File No. 06/0353

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.

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

Baseefa

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DIRECTOR
On behalf of
Baseefa (2001) Ltd.



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Schedule

14

Certificate Number BAS00ATEX2097X/7

15

Description of the variation to the Equipment or Protective System

Variation 7.1

Introduction of the alternative type designations RB6 for the DB3, and RB6L for the DB3L, together with the associated alternative label detail.

16

Report Number

None

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Special Conditions for Safe Use

None additional to those listed previously

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Essential Health and Safety Requirements

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

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Drawings and Documents

Number	Issue	Date	Description
* 219-256	E	27/04/06	General Arrangement, DB3 Sounder Units
* 219-732	A	27/04/06	Alternative Label Detail

* This drawing is common to BAS00ATEX2098X



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: **BAS00ATEX2097X/8**

4 Equipment or Protective System: **DB4 SPEAKER UNIT**

5 Manufacturer: **MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC - Type Examination Certificate No. **BAS00ATEX2097X** 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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The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa (2001) Ltd., Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

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

Baseefa Customer Reference No. **0676**

Project File No. **06/0678**

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Baseefa

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DIRECTOR
On behalf of
Baseefa (2001) Ltd.



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Schedule

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Certificate Number BAS00ATEX2097X/8

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

Variation 7.1

To record the following reports which are respectively reproductions of BASEEFA Internal Certification Reports 00(CI)0430, which supported BAS00ATEX2097X, and 97(CI)0929 referenced in 00(CI)0430 both made suitable for external issue.

16 **Report Number**

Baseefa Certification Report 06(C)0678/1 and 06(C)0678/3

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**

None



- 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: **See Schedule**
- 4 Equipment or protective system: **See Schedule**
- 5 Manufacturer: **MEDC**
- 6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**
- 7 This supplementary certificate extends the EC - Type Examination Certificates listed in the Schedule to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedules of the said Certificates but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

A copy of this Supplementary Certificate shall be attached to each of the original Certificates.

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

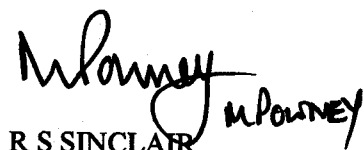
Baseefa Customer Reference No. 0676

Project File No. 07/0181

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R S SINCLAIR

DIRECTOR
On behalf of
Baseefa (2001) Ltd.



Schedule

Description of the variation to the Equipment or Protective System

To permit the use of epoxy or acrylic paint processes on the products detailed below.

Certificate No.	Supplement No.	Equipment Type
BAS99ATEX2195X	5	XBII
BAS99ATEX2196	5	XB12,FB12,TH12,FL12,
BAS00ATEX2031	2	XB9
BAS00ATEX2097X	9	DB3, DB3L, DB4, DB4L
BAS00ATEX2098X	9	DB3E, DB3E, DB4, DB4E
BAS00ATEX2204X	1	XB10
BAS00ATEX2226X	1	XB10E
BAS02ATEX2086X	5	DB10
BAS02ATEX2105X	4	BGE, PBE
Baseefa03ATEX0084X	2	BG1, PB1
Baseefa04ATEX0009X	3	XB15, FB15, FL15, LD15, TH15
Baseefa04ATEX0166X	2	DB16 IIB
Baseefa04ATEX0167X	2	DB16 IIC
Baseefa05ATEX0198X	1	DB20 IIB
Baseefa05ATEX0199X	1	DB20 IIC

Report No.

None

Special Conditions for Safe Use

None additional to those listed previously

Essential Health and Safety Requirements

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

Drawings and Documents

Number	Issue	Date	Description
122-808	1	05/03/07	Addition of Optional Acrylic Paint to Products Listed.

DO NOT SCALE 

CERTIFICAT No	PRODUCT TYPE
BAS00ATEX2031	XB9
BAS00ATEX2204X	XB10
BAS00ATEX2226X/1	XB10E
BAS99ATEX2195X/4	XB11
	XB12
	FB12
	TH12
	FL12
	XB15
	FB15
	FL15
	LD15
	TH15
BAS04ATEX0009X	DB3 DB3L
	DB4 DB4L
BAS00ATEX2097X/8	DB3 DB3L
	DB4E DB4LE
BAS00ATEX2098X/8	DB10
BAS02ATEX2086X/3	DB16 11B
BAS04ATEX0166X/1	DB16 11C
BAS04ATEX0167X/1	DB20 11B
BAS05ATEX0198X	DB20 11C
BAS05ATEX0199X	BGE PBE
BAS02ATEX2105X/3	BGI PBI
BAS03ATEX0084X	

BAS99ATEX2195X/5, DAS99ATEX2196/5
 DAS00ATEX2031/2, DAS00ATEX2097X/9,
 DAS00ATEX2098X/9, DAS00ATEX2204X/1,
 DAS00ATEX2226X/1, DAS02ATEX2086X/5,
 BAS02ATEX2105X/4, Bassefa03ATEX0084X/2,
 Bassefa04ATEX0009X/3, Bassefa04ATEX0166X/2,
 Bassefa04ATEX0167X/2, Bassefa05ATEX0198X/2,
 Bassefa05ATEX0199X/1

NOTE Bassefa05ATEX0199X/1
 PRODUCT CERTIFIED UNDER THE CERTIFICATE
 NUMBERS LISTED HERE MAY BE WITH NATURAL
 FINISH OR WITH EITHER EPOXY OR ACRYLIC PAINT



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 DESIGNERS & MANUFACTURERS
 OF ELECTRICAL & ELECTRONIC
 EQUIPMENT & SYSTEMS FOR
 HAZARDOUS AREAS

ISSUES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

REMOVE ALL BURRS AND SHARP CORNERS

MACHINE SYMBOLS THUS

THIS DRAWING IS CONFIDENTIAL AND IS THE PROPERTY OF MEDC AND MUST NOT BE REPRODUCED EITHER WHOLLY OR PARTLY. ALL RIGHTS IN RESPECT OF PATENTS, DESIGNS AND COPYRIGHT ARE RESERVED

DRAWN BY: M.SLACK DATE: 05-03-07 TITLE: ADDITION OF OPTIONAL ACRYLIC PAINT TO PRODUCTS LISTED

CHECKED BY: P.FISHWICK DATE: 22-22-22

APPROVED BY: M.SLACK DATE: 22-22-22

SCALE: 1:1 SIZE: A4 DRG No. 122-808 ISSUE 1



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 See Schedule
Number:**

4 Equipment or protective system: See Schedule

5 Manufacturer: MEDC Limited

6 Address: Colliery Road, Pinxton, Nottingham, NG16 6JF

7 This supplementary certificate extends the EC - Type Examination Certificates listed in the Schedule to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedules of the said Certificates but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

A copy of this Supplementary Certificate shall be attached to each of the original Certificates.

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

Baseefa Customer Reference No. 0676

Project File No. 08/0067

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

Baseefa

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e-mail info@baseefa.com web site www.baseefa.com
Baseefa is a trading name of Baseefa (2001) Ltd
Registered in England No. 4305578 at the above address

R S SINCLAIR

DIRECTOR
On behalf of
Baseefa (2001) Ltd.



Schedule

Description of the variation to the Equipment or Protective System

Alternative certification label wording for the units listed below and as on the scheduled drawings.

Certificate No.	Supplement No.	Equipment Type
BAS00ATEX2031	3	Type XB9 Xenon Beacon
BAS00ATEX2097X	10	Type DB3 Sounder and DB4 Speaker Units
BAS00ATEX2204X	2	Type XB10 Beacon
Baseefa02ATEX0224X	6	Type XB4 Xenon Beacon
BAS02ATEX2086X	6	Type DB10 Loudspeaker Units
Baseefa03ATEX0222	4	Type SM87 HXB & SM87 LED Beacons
Baseefa04ATEX0166X	3	Type DB16 IIB Speaker Unit

Report No.

None

Special Conditions for Safe Use

None additional to those listed previously

Essential Health and Safety Requirements

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

Drawings and Documents

Number	Sheet	Issue	Date	Description
227-173	-	A	28-01-08	Type XB9 Xenon Beacon
219-833	-	A	28-01-08	Type DB3 Sounder Units
199-519	-	A	28-01-08	Type DB4 Speaker Units
228-210	-	A	28-01-08	Type XB10 Beacon
188-625	-	A	28-01-08	Type XB4 Xenon Beacon
253-154	-	A	07-01-08	Type DB10 Loudspeaker Units
562-661	-	A	28-01-08	Type SM87 HXB Xenon Beacon
562-662	-	A	28-01-08	Type SM87 LED Beacon
286-145	-	A	07/01/08	Type DB16 IIB Speaker Unit



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: **BAS000ATEX2097X/11**

4 Equipment or Protective System: **DB4 Speaker Unit**

5 Manufacturer: **Cooper MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS00ATEX2097X 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.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

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

Baseefa Customer Reference No. 0676

Project File No. 09/0941

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Baseefa

Rockhead Business Park, Staden Lane,
Buxton, Derbyshire SK17 9RZ

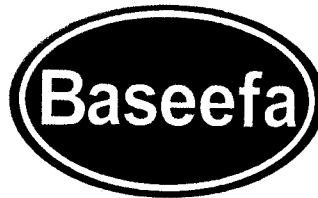
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601

e-mail info@baseefa.com web site www.baseefa.com

Baseefa is a trading name of Baseefa Ltd

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

A handwritten signature in black ink, appearing to read "R S Sinclair".
PP R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number BAS00ATEX2097X/11

15

Description of the variation to the Equipment or Protective System

Variation 1.1

Introduction of a ½" NPT cable entry option for the Type DB4 Speaker Units

16

Report Number

None.

17

Special Conditions for Safe Use

None additional to those listed previously

18

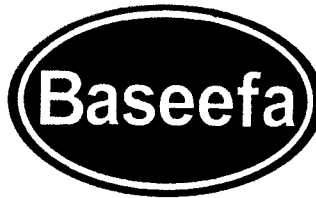
Essential Health and Safety Requirements

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

19

Drawings and Documents

Number	Sheet	Issue	Date	Description
199-366	1 & 2	F	13.11.09	General Arrangement, DB4 Speaker



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: **BAS00ATEX2097X/12**

4 Equipment or Protective System: **DB4 SPEAKER UNIT**

5 Manufacturer: **Cooper MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS00ATEX2097X 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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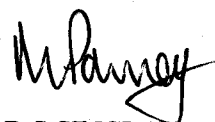

Baseefa Customer Reference No. 0676

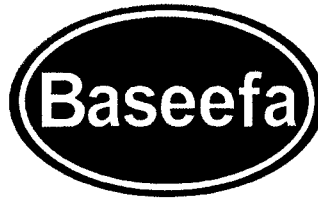
Project File No. 09/0994

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Baseefa

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R S SINCLAIR 
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number BAS00ATEX2097X/12

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

Variation 12.1

Introduction of end of line resistors option for the Type DB3 Sounder Units.

16 **Report Number**

None

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
219-965	-	A	01.12.09	DB3 Sounder –DC single/dual tone