



**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: Baseefa02ATEX0168**

**4 Equipment or Protective System: A Nevis Bulkhead Luminaire**

**5 Manufacturer: Chalmit Lighting**

**6 Address: Glasgow, G52 4BL**

**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)0092

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

**EN 50014: 1997 + Amendments 1 & 2      EN 50018: 2000: + Amendment 1,  
EN 50019: 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 GD EEx de IIB T\* (See Schedule)**

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

Baseefa (2001) Ltd. Customer Reference No. 0068

Project File No. 02/0092

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.**

Health and Safety Laboratory Site, Harpur Hill,  
Buxton, Derbyshire SK17 9JN  
Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216  
e-mail [info@baseefa2001.biz](mailto:info@baseefa2001.biz) web site [www.baseefa2001.biz](http://www.baseefa2001.biz)  
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,  
Derbyshire, SK17 9BJ

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



13

## Schedule

14

Certificate Number Baseefa02ATEX0168

### 15 Description of Equipment or Protective System

A Nevis Bulkhead Luminaire comprises an oval cast base and cover manufactured from aluminium, gunmetal or brass. The flat flanged cover is fitted with an oval wellglass and is attached to the base with 8 cap head screws. Integral with the base casting is an increased safety terminal box. A line bushing to PTB97ATEX1047U, coded  $\text{\textcircled{Ex}}$  II 2 G EEx d II is provided between the two enclosures. The luminaire may be fitted with GLS, SON, MBI, MBF/U, MBTF, compact fluorescent, or QL (induction) lamps and associated control gear when appropriate.

The lamp type, ratings, temperature classification, ambient temperature range, and maximum external surface temperature for use in an explosive dust atmospheres, are indicated below.

Lamp Type	Wattage	Voltage	Temperature Classification	Ambient Temperature Range	Delay Time Before Opening (Minutes)	Cable Rating	Maximum External Surface Temperature
GLS	150	24-240	T3	-55°C to +55°C	10	80°C	150°C
GLS	200	24-240	T3	-55°C to +55°C	10	90°C	165°C
SON/E	70	200-250 50Hz 220-270 60Hz	T4	-55°C to +55°C	4	80°C	125°C
MBI	70	200-250 50Hz 220-270 60Hz	T4	-55°C to +55°C	4	80°C	125°C
MBF/U	80	200-250 50Hz 220-270 60Hz	T4	-55°C to +55°C	4	80°C	130°C
MBF/U	125	200-250 50Hz 220-270 60Hz	T3	-55°C to +40°C	4	70°C	140°C
MBTF	160	220-250	T3	-55°C to +40°C	4	70°C	155°C
Fluorescent	18/26	12-260 ac/dc	T5	-55°C to +55°C	-	70°C	80°C
Induction	55	110-240 ac/dc	T5	-55°C to +55°C	10	70°C	98°C

### 16 Report Number

02(C)0092

### 17 Special Conditions for Safe Use

None

### 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
D2102	1	-	07.05.02	General Assembly
D2102	2	-	08.05.02	General Assembly
D2102	3	-	09.05.02	Item list and Label details
D2102	4	-	08.07.02	General Assembly - GL Lamp
D2062	1	01	08.04.03	Wellglass Glazing Data



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: **Baseefa02ATEX0168X/1**

4 Equipment or Protective System: **A Nevis Bulkhead Luminaire**

5 Manufacturer: **Chalmit Lighting**

6 Address: **Glasgow, G52 4BL**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa02ATEX0168X 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 (2001) Ltd. Customer Reference No. 0068

Project File No. 03/0891

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.**

Health and Safety Laboratory Site, Harpur Hill,  
Buxton, Derbyshire SK17 9JN  
Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216  
e-mail [info@baseefa2001.biz](mailto:info@baseefa2001.biz) web site [www.baseefa2001.biz](http://www.baseefa2001.biz)  
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,  
Derbyshire, SK17 9BJ

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



13

### Schedule

14

Certificate Number **Baseefa02ATEX0168X/1**

15

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

#### Variation 1.1

The addition of a 50W SON Lamp

The lamp type, ratings, temperature classification, ambient temperature range, and maximum external surface temperature, are indicated below.

Lamp Type	Wattage	Voltage	Temperature Classification	Ambient Temperature Range	Delay Time Before Opening (Minutes)	Cable Rating	Maximum External Surface Temperature
GLS	150	24-240	T3	-55°C to +55°C	10	80°C	150°C
GLS	200	24-240	T3	-55°C to +55°C	10	90°C	165°C
SON/E	50/70	200-250 50Hz 220-270 60Hz	T4	-55°C to +55°C	4	80°C	125°C
MBI	70	200-250 50Hz 220-270 60Hz	T4	-55°C to +55°C	4	80°C	125°C
MBF/U	80	200-250 50Hz 220-270 60Hz	T4	-55°C to +55°C	4	80°C	130°C
MBF/U	125	200-250 50Hz 220-270 60Hz	T3	-55°C to +40°C	4	70°C	140°C
MBTF	160	220-250	T3	-55°C to +40°C	4	70°C	155°C
Fluorescent	18/26	12-260 ac/dc	T5	-55°C to +55°C	-	70°C	80°C
Induction	55	110-240 ac/dc	T5	-55°C to +55°C	10	70°C	98°C

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
D2102	1	01	16.10.03	General Assembly
D2102	2	01	16.10.03	General Assembly
D2102	3	01	16.10.03	Item list and Label details
D2102	4	01	16.10.03	General Assembly - GL Lamp



**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: Baseefa02ATEX0168/2**

**4 Equipment or Protective System: A Nevis Bulkhead Luminaire**

**5 Manufacturer: Chalmit Lighting**

**6 Address: Glasgow, G52 4BL**

**7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa02ATEX0168 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 (2001) Ltd. Customer Reference No. 0068

Project File No. 04/0702

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.**  
Health and Safety Laboratory Site, Harpur Hill,  
Buxton, Derbyshire SK17 9JN  
Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216  
e-mail [info@baseefa2001.biz](mailto:info@baseefa2001.biz) web site [www.baseefa2001.biz](http://www.baseefa2001.biz)  
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,  
Derbyshire, SK17 9BJ

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



13

### Schedule

14

**Certificate Number Baseefa02ATEX0168/2**

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

#### Variation 2.1

To permit an alternative internal earth assembly and a line bushing to Baseefa04ATEX0317U, and modifications to the lamp cover to allow captive fasteners and alternative hinge arrangement.

16 **Report Number**

None

17 **Special Conditions for Safe Use**

None

18 **Essential Health and Safety Requirements**

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

19 **Drawings and Documents**

<u>Number</u>	<u>Sheet</u>	<u>Issue</u>	<u>Date</u>	<u>Description</u>
D2102	1	02	16.09.04	General Assembly
D2102	2	02	16.09.04	General Assembly
D2102	3	02	16.09.04	Item list and Label details
D2102	4	02	16.09.04	General Assembly - GL Lamp
D2102	5	02	16.09.04	Alternative Cover Arrangements



1 **SUPPLEMENTARY TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary Type Examination Certificate Number: **Baseefa02ATEX0168/3**

4 Equipment: **A Nevis Bulkhead Luminaire**

5 Manufacturer: **Chalmit Lighting**

6 Address: **Glasgow, G52 4BL**

7 This supplementary certificate extends Type Examination Certificate No. Baseefa02ATEX0168 to apply to equipment 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. 0068

Project File No. 07/0048

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**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa (2001) Ltd  
Registered in England No. 4305578 at the above address

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



13

### Schedule

14

Certificate Number Baseefa02ATEX0168/3

15 **Description of the variation to the Equipment**

**Variation 1.1**

To allow the fitting of fluorescent lamps with a wattage rating of up to 26W.

16 **Report Number**

None

17 **Special Conditions for Safe Use**

None

18 **Essential Health and Safety Requirements**

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

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
D2102	1 to 5	03	15/01/07	Nevis Bulkhead Ex de