

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU**

3 EU - Type Examination Certificate **BAS99ATEX1044X – Issue 3**  
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: **HL-95 Hazard Lamp**

5 Manufacturer: **The Wolf Safety Lamp Company Ltd.**

6 Address: **Sheffield, S8 0YA**

7 This re-issued certificate extends EC - Type Examination Certificate No. BAS99ATEX1044 to apply to product 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 The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. 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, is responsible only for the additional work relating to this re-issued certificate and any other supplementary certificate it has issued.

The examination and test results are recorded in confidential Report No. (See Certificate History)

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

**EN IEC 60079-0:2018 EN 60079-11:2012 EN 60079-28:2015**

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 product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

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

12 The marking of the product shall include the following :

**⊕ II 1G Ex ia op is IIC T4 Ga (T<sub>a</sub> = -10°C to +40°C)**

SGS Baseefa Customer Reference No. **1112**

Project File No. **17/0218**

This document is issued by the Company subject to its General Conditions for Certification Services accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and the Supplementary Terms and Conditions accessible at <http://www.sgs.com/SGSBaseefa/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. It does not necessarily indicate that the equipment may be used in particular industries or circumstances. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, schedule included, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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Registered in England No. 4305578.

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R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

D BREARLEY  
Certification  
Manager

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## Schedule

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### Certificate Number BAS99ATEX1044X – Issue 3

#### 15 Description of Product

The HL-95 Hazard Lamp is a self-contained, battery powered visual warning device for locating in a potentially explosive atmosphere. It is transportable equipment designed to be stationary while in use.

The Hazard Lamp comprises a number of interconnected electronic circuits which control the lamp operation, and an air depolarised battery enclosed in an injection moulded polypropylene housing which incorporates a plastic lens protected by a steel mesh guard.

Only the battery type Wolf HL-3155X may be fitted.

#### 16 Report Number

(See certificate history)

#### 17 Specific Conditions of Use

- The metal label and grill can store an electrostatic charge under certain extreme conditions. The user shall ensure the Hazard Lamp is not placed in a location where the external conditions are conducive to the build-up of electrostatic charge.

#### 18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product.

Clause	Subject	Compliance
1.4.1	External effects	Addressed by User Instructions.
1.4.2	Aggressive substances, etc.	Addressed by User Instructions.

#### 19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
HL-701	1	3	06/06/18	HL-95 Wolf Hazard Lamp
HL-801	1	3	06/06/18	HL-95 – Hazard Lamp – Circuit Details
HL-803	1	2	06/06/18	HL-95 – Hazard Lamp – Alternative Circuit Diagram
HL-901	1	3	06/06/18	Air Depolarised Battery

There are no other current drawings associated with this certificate.

#### 20 Certificate History

Certificate No.	Date	Comments
BAS99ATEX1044	25 June 1999	The release of the prime certificate. The associated test and assessment against the requirements of EN50014:1997 and EN50020:1994 is documented in Test Report No. 98(C)0929.
BAS99ATEX1044/1	14 November 2001	To permit the use of an alternative battery.
BAS99ATEX1044/2	3 April 2006	To permit minor electrical changes that do not affect the original Intrinsic Safety assessment as documented for project 06/0074



<b>Certificate No.</b>	<b>Date</b>	<b>Comments</b>
BAS99ATEX1044X Issue 3	27 July 2018	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, permits minor electrical changes, permits the addition of protection concept “op is”, and confirms the current design meets the requirements of EN IEC 60079-0:2018, EN 60079-11:2012 & EN 60079-28:2015 including the revision of the equipment marking in accordance with these standards as documented in report 17(C)0218 for project 17/0218.
For drawings applicable to each issue, see original of that issue.		



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: **BAS99ATEX1044/2**

4 Equipment or Protective System: **HL-95 HAZARD LAMP**

5 Manufacturer: **THE WOLF SAFETY LAMP COMPANY LTD**

6 Address: **Sheffield, S8 0YA**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS99ATEX1044 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 Customer Reference No. 1112

Project File No. 06/0074

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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Baseefa is a trading name of Baseefa (2001) Ltd  
Registered in England No. 4305578 at the above address

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

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



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## Schedule

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Certificate Number BAS99ATEX1044/2

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

### Variation 2.1

To permit minor electrical changes that do not affect the original Intrinsic Safety assessment.

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
HL-801	1 of 1	2	20/01/2006	HL-95 Hazard Lamp (version 1)
HL-802	1 of 1	2	20/01/2006	HL-95 Hazard Lamp (version 2)



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: **BAS99ATEX1044/1**

4 Equipment or Protective System: **HL-95 HAZARD LAMP**

5 Manufacturer: **THE WOLF SAFETY LAMP CO LTD**

6 Address: **Sheffield, S8 0YA**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS99ATEX1044 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 and without any change, schedule included.

File No: EECS 1112/02/004

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.



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internet: [www.baseefa.com](http://www.baseefa.com) e-mail: [baseefa.info.eecs@hsl.gov.uk](mailto:baseefa.info.eecs@hsl.gov.uk)



I M CLEARE  
DIRECTOR  
14 November 2001



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**Schedule**

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1044/1**

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

**VARIATION ONE**

To permit the use of an alternative battery; the Wolf Part No. HL-3155X remains unchanged.

**Report No.**

None.

**Special Conditions For Safe Use**

None.

**Essential Health and Safety Requirements**

See original certificate.

**DRAWING**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
HL-901	2	25.9.01	Air Depolarised Battery

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



## EC-TYPE EXAMINATION CERTIFICATE

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

EC-Type Examination Certificate Number : **BAS99ATEX1044**

Equipment or Protective System: **HL-95 HAZARD LAMP**

Manufacturer: **THE WOLF SAFETY LAMP CO LTD**

Address: **Sheffield, S8 0YA**

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°

**98(C)0929 dated 18 June 1999**

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

**EN 50014: 1997      EN 50020: 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:-

 **II 1 G      EEx ia IIC T4**

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

File No: **EECS 1112/02/004**

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.



**I M CLEARE**  
DIRECTOR  
25 June 1999



**Electrical Equipment Certification Service**  
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13 **Schedule**

14 **EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1044**

15 **Description of Equipment or Protective System**

The HL-95 Hazard Lamp is a self-contained, battery powered visual warning device for location in a potentially explosive atmosphere.

The Hazard Lamp comprises a number of interconnected electronic circuits, which control the lamp operation, and an air depolarised battery enclosed in an injection moulded polypropylene housing which incorporates a plastic lens protected by a steel mesh guard.

The Hazard Lamp is available in two versions designated 1 and 2 which provide different operational control features.

Only battery type HL-3155X may be fitted.

16 **Report Nos.**

98(C)0929 dated 18 June 1999

17 **SPECIAL CONDITIONS FOR SAFE USE**

None.

18 **Essential Health and Safety Requirements**

ESSENTIAL HEALTH & SAFETY REQUIREMENTS not covered by Standards listed at (9)		
Clause	Subject	Compliance
1.0.3	Special checking and maintenance conditions	Report No. 98(C)0929 clause 5.1.0.3
1.0.5	Marking	Report No. 98(C)0929 clause 5.1.0.5
1.0.6	Instructions	Report No. 98(C)0929 clause 5.1.0.6
1.1.1	Materials not to trigger off explosion	Report No. 98(C)0929 clause 5.1.1.1
1.1.2	Effect of explosive atmosphere on materials	Report No. 98(C)0929 clause 5.1.1.2
1.2.1	Design with regard to technological knowledge	Report No. 98(C)0929 clause 5.1.2.1
1.2.2	Components for incorporation or replacement	Report No. 98(C)0929 clause 5.1.2.2
1.2.3	Enclosed structures and prevention of leaks	Report No. 98(C)0929 clause 5.1.2.3
1.2.6	Safe opening	Report No. 98(C)0929 clause 5.1.2.6
1.2.7	Protection against other hazards	Report No. 98(C)0929 clause 5.1.2.7
1.4.1	Safe function in changing external conditions	Report No. 98(C)0929 clause 5.1.4.1
1.4.2	Withstanding attack by aggressive substances	Report No. 98(C)0929 clause 5.1.4.2
2.1.1	Category 1G	Report No. 98(C)0929 clause 5.2.1.1



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EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1044

19 DRAWINGS

Number	Issue	Date	Description
HL-801	1	07/09/98	Circuit (ver. 1)
HL-802	1	07/09/98	Circuit (ver. 2)
HL-803	1	15/02/99	Alternative circuit
HL-701	1	16/02/99	HL-95 General Assembly
HL-901	1	15/02/99	Battery assembly

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BASEEFA List Keywords  
2FLASLUM