



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:-



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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.



Electrical Equipment Certification Service
Health and Safety Executive
Harpur Hill, Buxton, Derbyshire. SK17 9JN. United Kingdom
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I M CLEARE
DIRECTOR
25 June 1999



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Schedule

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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.

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Report Nos.

98(C)0929 dated 18 June 1999

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SPECIAL CONDITIONS FOR SAFE USE

None.

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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



Schedule

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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



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.

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File No: EECS 1112/02/004

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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

Number	Issue	Date	Description
HL-901	2	25.9.01	Air Depolarised Battery

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