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 Number: **BAS99ATEX1044X – Issue 4**

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. **BAS99ATEX1044X** 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 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by The Electrical Equipment Certification Service (UK Notified Body 0600). It, and any supplements previously issued by SGS Baseefa Ltd (UK Notified Body 1180) have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

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:

Ⓔx II 1G Ex ia op is IIC T4 Ga (T_a = -10°C to +40°C)

SGS Fimko Oy Customer Reference No. **1112** Project File No. **22/0065**

SGS Fimko Oy
Takomotie 8
FI-00380 Helsinki, Finland
Telephone +358 (0)9 696 361
e-mail sgs.fimko@sgs.com
web site www.sgs.fi
Business ID 0978538-5 Member of the SGS Group (SGA SA)

Tuomas Hänninen
SGS Fimko Oy

13 # Schedule

14 ## Certificate Number BAS99ATEX1044X – Issue 4

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

1. 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, and conformity is demonstrated in the report:

Clause	Subject
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
HL-701	1	4	01/02/22	HL-95 Wolf Hazard Lamp
HL-801	1	4	01/02/22	HL-95 – Hazard Lamp – Circuit Details

These drawings are common to BAS21UKEX0434X.

Current drawings which remain unaffected by this issue:

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

These drawings are held with BAS99ATEX1044X Issue 3 and are common to BAS21UKEX0434X.

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
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.
BAS99ATEX1044X Issue 4	3 March 2022	To permit LED changes. Assessment documented in report 22(C)0065 for project 22/0065.
For drawings applicable to each issue, see original of that issue.		