

1 **UK-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1**

3 UK-Type Examination Certificate Number: **BAS21UKEX0435**  
4 Product: **Wolf Mini/Micro Torch Range**  
5 Manufacturer: **Wolf Safety Lamp Company Limited**  
6 Address: **Saxon Road Works, Sheffield, S8 0YA**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR22.0084/00**

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

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

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 UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations 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 :

 (See Schedule)

SGS Baseefa Customer Reference No. **1112**

Project File No. **22/0143**

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**R S SINCLAIR**  
**TECHNICAL MANAGER**  
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS21UKEX0435**

15 **Description of Product**

The Wolf Mini / Micro Torch Range comprises 5 models using various primary batteries with either a Xenon bulb or LED(s) housed in a straight thermoplastic body. The M-1x, M-2x, M-4x and M-6x may be moulded in static dissipative plastic. The lens end cap retains a transparent plastic lens. The straight body arrangement incorporates a thermoplastic pocket clip and an on/off switch.

The enclosure is sealed dust tight and provides an ingress protection level of IP67.

All the torches are outside the scope of EN 60079-28.

There are five versions which are coded as follows, the second numeral X may vary to denote sub-versions:

M-1X Models:

⊕ I M1 / II 1G / II 2D

Ex ia I Ma / IIC T5 Ga (-40°C ≤ T<sub>a</sub> ≤ +50°C)

Ex ib IIIB T95°C Db IP67

4 x LR44 cells

Single 5mm LED

Permitted cells: Ansmann, Duracell, Energizer, GP, Hi Watt, Maxell, Renata, Varta

M-2X Models:

⊕ I M2 / II 2G

Ex ib I Mb / IIC T4 Gb (-40°C ≤ T<sub>a</sub> ≤ +40°C) IP67

2 x LR03 (AAA) cells

Xenon bulb

Permitted cells: Duracell Procell/Plus/Ultra M3/Industrial, Procell(grey), Energizer Industrial/Ultra+/Ultimate, GP Alkaline/Super Alkaline, Panasonic Powermax/Ultra, Philips Powerlife, Varta High Energy

M-4X Models:

⊕ I M1 / II 1G / II 2D

Ex ia I Ma / IIC T4 Ga (-40°C ≤ T<sub>a</sub> ≤ +50°C)

Ex ib IIIB T125°C Db IP67

3 x LR1 (N) cells

3 x 5mm LED

Permitted cells: Duracell, Energizer, GP, Maxell, Panasonic, Varta, Philips Powerlife

M-6X Models:

⊕ I M1 / II 1G / II 2D

Ex ia I Ma / IIC T4 Ga (-40°C ≤ T<sub>a</sub> ≤ +50°C)

Ex ib IIIB T130°C Db IP67

3 x LR1 (N) cells

Single LED

Permitted cells: Duracell, Energizer, GP, Maxell, Panasonic, Varta, Philips Powerlife

M-7X Models:

⊕ I M1 / II 1GD

Ex ia I Ma / IIC T4 Ga (-20°C ≤ T<sub>a</sub> ≤ +40°C)

Ex ia IIIC T<sub>200</sub>160°C Da IP67

2 x LR03 (AAA) cells

Single LED

Permitted cells: Duracell Procell/Plus/Ultra M3/Industrial, Procell(grey), Energizer Industrial/Ultra+/Ultimate, GP Alkaline/Super Alkaline, Panasonic Powermax/Ultra, Philips Powerlife, Varta High Energy

**16 Report Number**

GB/BAS/ExTR22.0084/00

**17 Specific Conditions of Use**

None.

**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
22(1)	External effects
22(2)	Aggressive substances, etc.

**19 Drawings and Documents**

Number	Sheet	Issue	Date	Description
M-710	1	9	28/06/21	Wolf M-10 Torch
M-720	1	9	28/06/21	Wolf M-20 Torch
M-740	1	10	19/11/21	Wolf M-40 Torch
M-760	1 & 2	11	11/11/21	Wolf M-60 Torch
M-770	1	2	28/06/21	Wolf M-70 Torch

These drawings are held with IECEx BAS 06.0023 Issue 9 and are common to Baseefa06ATEX0084 Issue 9.