



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: **Baseefa11ATEX0236**

4 Equipment or Protective System: **Wolf M-8x Midi Torch**

5 Manufacturer: **Wolf Safety Lamp Company Limited**

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

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, 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. **GB/BAS/ExTR11.0225/00**

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

IEC 60079-0:2011 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 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 :

Ex See schedule

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

Baseefa Customer Reference No. **1112**

Project File No. **09/0813**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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R/S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa11ATEX0236

15 Description of Equipment or Protective System

The Wolf M-8x (where x is used to denote different variants) Midi Torch range are self-contained primary cell powered torches that are moulded in high impact strength plastic, contain a single LED light source and are powered by four zinc carbon R6 or four alkaline manganese LR6 cells.

The M-8x ($x < 5$) is designed for Group I EPL Mb and for Group IIB T3/T4 EPL Gb applications and can be marked:

⊕ I M2/II 2G Ex ib I Mb / IIB T3/T4 Gb

The M-8x ($x \geq 5$) is designed for Group I EPL Ga and for Group IIC T3/T4 EPL Ga applications and can be marked:

⊕ I M1/II 1G Ex ia I Ma / IIC T3/T4 Ga

For Group IIB/IIC T4 applications R6 cells of any type or LR6 cells of the following types may be used:- Duracell Procell, Duracell Plus, Energizer Industrial, Energizer Ultra+, Energizer EN91, Energizer E91.

For Group I or Group IIB/IIC T3 applications any R6 cells or any LR6 cells may be used.

Cell types should not be mixed.

16 Report Number

GB/BAS/ExTR11.0255/00

17 Specific Conditions of 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
M-980	1	1	01/08/11	M-80 Midi Torch - PCBs, Circuit & Components
M-780	1 to 3	1	28/07/11	M-80 Midi Torch - GA