



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: **Baseefa05ATEX0069**

4 Equipment or Protective System: **Wolf Rechargeable Torch R-5X**

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

6 Address: **Saxon Road Works, 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 (2001) Ltd., 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. 04(C)0229/1

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

**EN 60079-0:2004 EN 50020:2002 EN61241-0:2004 EN 61241-1:2004**

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 :

 See Schedule

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

Baseefa Customer Reference No. 1112

Project File No. 04/0229

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.

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

**R S SINCLAIR**  
**DIRECTOR**  
On behalf of  
Baseefa (2001) Ltd.  
Re-issued 4 April 2006

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## Schedule

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Certificate Number Baseefa05ATEX0069

### 15 Description of Equipment or Protective System

The Wolf Rechargeable Torch R-5X uses a single LED and a rechargeable battery with an electronic control circuit housed in a right-angled anti-static thermoplastic body. The rubber armoured lens ring and end cap retain either a coated polycarbonate or toughened glass lens.

The enclosure is sealed dust tight and provides an ingress protection level of IP67. The right-angle body arrangement incorporates a replaceable thermoplastic belt clip for hands-free use.

The Rechargeable Torch R-5X must be charged in a non-hazardous area with a charger having an output voltage not exceeding 14V:  $U_o = 14V$

The two versions have the following codes:

R-5X :  $\text{Ex}$  II 2GD T85°C Ex ib IIC T4 tD A21 IP67 T85°C  
( $X < 5$ )

R-5X :  $\text{Ex}$  II 1G Ex ia IIC T4 IP67  
( $X \geq 5$ )

The model number may be followed by a further suffix for operational purposes.

### 16 Report Number

04(C)0229/1

### 17 Special Conditions for Safe 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
R711	1	1	12/10/05	Wolf Rechargeable Torch – LED versions
R712	1	1	12/10/05	Wolf Rechargeable Torch – Single LED version
R811	1	1	12/10/05	Wolf Rechargeable Torch – Cassette – LED
R911	1	1	12/10/05	Rechargeable Torch – Control Circuit – Single LED
R912	1	1	12/10/05	Rechargeable Torch – Control Circuit – Single LED
R913	1	1	10/10/05	Wolf LED Rechargeable Torch – Battery protection Circuit
R916	1	1	12/10/05	Wolf Rechargeable Torch – Charger Circuit Board