

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: **Baseefa05ATEX0068 Issue 4**

4 Equipment or Protective System: **Wolf Rechargeable Torch R-30**

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, 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/ExTR10.0148/00

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

**EN 60079-0:2006 EN 60079-7:2007 EN 60079-11:2007 EN61241-0:2006 EN61241-1:2004**

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 :

**⊕ II 2GD T85°C Ex e ib IIC T4 tD A21 IP67**

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

Baseefa Customer Reference No. **1112**

Project File No. **10/0414**

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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Baseefa is a trading name of Baseefa Ltd

Registered in England No. 4305578. Registered address as above.

**R S SINCLAIR**

**DIRECTOR**

**On behalf of**

**Baseefa**

**Re-issued 9 January 2012**



13 **Schedule**

14 **Certificate Number Baseefa05ATEX0068 Issue 4**

15 **Description of Equipment or Protective System**

The Wolf Rechargeable Torch R-30 uses a halogen bulb and 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-30 must be charged in a non-hazardous area with a charger having an output voltage not exceeding 14V:  $U_o = 14V$

16 **Report Number**

GB/BAS/ExTR10.0148/01

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**

New drawings submitted for this issue of certificate.

Number	Sheet	Issue	Date	Description
R902	1	4	28/04/11	Rechargeable Torch – Control Circuit - Bulb
R903	1	4	22/04/10	Wolf Rechargeable Torch – Battery Protection Circuit

These drawings are held with IECEx BAS 05.0070 issue 4.

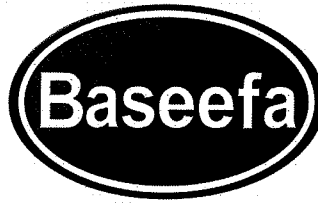
Current drawings also associated with this certificate.

Number	Sheet	Issue	Date	Description
R701 *1	1	2	21/05/09	Wolf Rechargeable Torch – Bulb Version
R702 *1	1	3	21/05/09	Wolf Rechargeable Torch – Bulb Version
R801 *2	1	1	12/10/05	Wolf Rechargeable Torch – Cassette - Bulb
R901 *2	1	1	12/10/05	Rechargeable Torch – Control Circuit - Bulb
R906 *3	1	2	30/01/06	Wolf Rechargeable Torch – Charger Circuit Board

Note \*1 These drawings are associated with Baseefa05ATEX0068 issue 3 and are held with IECEx BAS05.0070 issue 3.

Note \*2 These drawings are associated with Baseefa05ATEX0068 and are held with IECEx BAS05.0070.

Note \*3 This drawings is associated with Baseefa05ATEX0068/1 and is held with IECEx BAS05.0070 issue 1.



**20 Certificate History**

Certificate No.	Date	Comments
Baseefa05ATEX0068	20 October 2005	The release of the prime certificate. The associated test and assessment is documented in Test Reports 04(C)0229 & UK/BAS/04/0229/1.
Baseefa05ATEX0068/1	3 August 2006	To permit minor electrical and mechanical changes not affecting the original assessment.
Baseefa05ATEX0068/2	27 November 2007	To permit minor mechanical and PCB layout changes.
Baseefa05ATEX0068 Issue 3	23 November 2009	To permit mechanical changes. This issue incorporates previously issued primary and supplementary certificates into one certificate and confirms that the current design meets the requirements of EN 60079-0:2006, EN 60079-7:2007, EN 60079-11:2007, EN 61241-0:2006 and EN 61241-1:2004.
Baseefa05ATEX0068 Issue 4	17 June 2011	To permit minor electrical and mechanical changes not affecting the result of the original assessment.
For drawings applicable to each issue, see original of that issue.		