



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: **Baseefa04ATEX0398**

4 Equipment or Protective System: **Wolf Zone 0 Headtorch HT-2XX**

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

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 (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)0276**

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

EN 50014: 1997 + Amds 1 & 2 **EN 50020: 2002**

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 1G** **EEx ia IIC T4/T3**

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

Baseefa Customer Reference No. **1112**

Project File No. **04/0276**

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.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.

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Registered in England No. 4305578 at the above address



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Schedule

14

Certificate Number Baseefa04ATEX0398

15 Description of Equipment or Protective System

The Wolf Zone 0 Headtorch HT-2XX is designed to provide variable illumination by means of a battery powered LED lamp which is intended to be worn on the head.

It comprises three AA size primary batteries, seven high intensity LED's, and an electronic circuit controlled by a push button, to enable the lighting of 3, 5 or 7 LED's. An alternative version omits the electronic circuit and uses a simple rotary switch to control the LED's. These items are all contained in a conductive plastic enclosure providing a degree of protection of at least IP54.

When using any available AA size alkaline manganese cell, the apparatus is coded **EEx ia IIC T3**. If restricted to either any zinc-chloride or zinc-carbon AA size cell or to Duracell Procell, Duracell Plus, Energizer Industrial or Energizer Ultra+, the apparatus is coded **EEx ia IIC T4**.

16 Report Number

04(C)0276

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	Issue	Date	Description
HT-701 Sheets 1 to 4	1	2004/12/22	Headtorch (push button switch)- Approval
HT-702 Sheets 1 to 3	1	2004/12/08	Headtorch (rotary switch)- Approval



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

- 3 Supplementary EC - Type Examination Certificate Number: **Baseefa04ATEX00398/1**
- 4 Equipment or Protective System: **Wolf Zone 0 Headtorch HT-2XX**
- 5 Manufacturer: **Wolf Safety Lamp Company Ltd**
- 6 Address: **Sheffield, S8 0YA**
- 7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa04ATEX00398 to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

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

Baseefa Customer Reference No. **1112**

Project File No. **07/0296**

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Schedule

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Certificate Number Baseefa04ATEX0398/1

15 **Description of the variation to the Equipment or Protective System**

Variation 1.1

To permit mechanical changes that do not affect the original assessment.

16 **Report Number**

None.

17 **Special Conditions for Safe Use**

None.

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
HT-701	1 to 4	2	21/03/07	Headtorch (push button switch) - Approval

This drawing is common to and held with IECEX BAS 04.0053/1.