



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX BAS 04.0053** Issue No.: **0**

Status: **Current**

Date of Issue: **2005-01-26** Page 1 of 3

Applicant: **Wolf Safety Lamp Company Ltd**  
Saxon Road Works  
Sheffield  
S8 0YA  
United Kingdom

Electrical Apparatus: **Wolf Zone 0 Headtorch HT-2XX**  
Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: **IECEX Bas 04.0053**  
**Ex ia IIC T4/T3**


Approved for issue on behalf of the IECEx  
Certification Body:

R S Sinclair

Position:

Managing Director

Signature:  
(for printed version)


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28-1-05

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

**Baseefa (2001) Ltd.**

Health & Safety Laboratory Site  
Buxton  
Derbyshire  
SK17 9JN  
United Kingdom





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Manufacturer: **Wolf Safety Lamp Company Ltd**  
 Saxon Road Works  
 Sheffield  
 S8 0YA  
 United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacture's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2000</b> Edition: 3.1	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 1999</b> Edition: 4	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i'

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

IECEX ATR:

**UK/BAS/04/0276**

**UK/BAS/04/0276/1**

File Reference:

**04/0276**



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Wolf Zone 0 Headtorch HT-2XX is designed to provide variable illumination by means of a battery powered LED lamp which can 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 Ex 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 Ex ia IIC T4.

**CONDITIONS OF CERTIFICATION: NO**

Annexe: