

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: **Baseefa09ATEX0326 – Issue 3**

4 Equipment or Protective System: **Wolflite XT-****

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's. **GB/BAS/ExTR10.0203/00**

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


EN 60079-0:2006 EN60079-11:2007 EN60079-26:2007

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. **10/0587**

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

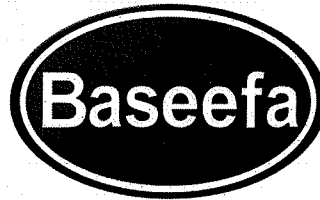
R S SINCLAIR

R S SINCLAIR

DIRECTOR

On behalf of

Baseefa



13

Schedule

14

Certificate Number Baseefa09ATEX0326 – Issue 3

15 Description of Equipment or Protective System

The Wolflite XT-** is a handlamp designed for use in Zone 1 or Zone 0 hazardous areas.

It comprises a Nylon based static dissipative body with a rubber 2nd shot that provides visual detail and protection against mechanical shocks. The front lens is constructed from either anti-static coated 4mm polycarbonate, or from 4mm glass. A switch underneath the handle contains a magnet that operates a reed switch mounted inside the handlamp body. A custom Lithium Ion battery pack provides power for the electronic control circuit and up to four LEDs.

The Wolflite XT-** is designed to be charged in a safe area using the approved charger that has a maximum output voltage not exceeding 14V.

The 1st star is a number that denotes different sub models for operational purposes and does not affect the marking of the equipment. The 2nd star denotes versions with different codes:

Wolflite XT-** (2nd star < 5): $\text{\textcircled{Ex}}$ II 2G Ex ib IIC T4 Gb

Group I variants may also be marked: $\text{\textcircled{Ex}}$ I M2 Ex ib I Mb

Wolflite XT-** (2nd star \geq 5): $\text{\textcircled{Ex}}$ II 1G Ex ia IIC T4 Ga

Group I variants may also be marked: $\text{\textcircled{Ex}}$ I M1 Ex ia I Ma

16 Report Number

GB/BAS/ExTR10.0203/00

17 Special Conditions for Safe Use

None.

18 Essential Health and Safety Requirements

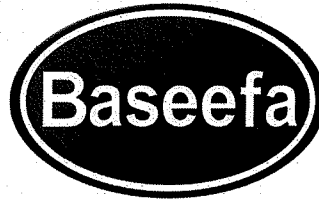
All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

New drawings submitted for this issue of certificate.

| Number | Sheet | Issue | Date | Description |
|--------|-------|-------|----------|------------------------------------------------------|
| XT-701 | 1 | 4 | 17/03/11 | Approval - Wolflite XT - Marking |
| XT-711 | 1 | 3 | 26/10/10 | Approval - Wolflite XT - General Arrangement |
| XT-802 | 1 | 3 | 21/10/10 | Approval - Wolflite XT - Lamp Head and Cassette Assy |
| XT-811 | 1 | 3 | 14/04/11 | Approval - Wolflite XT - Controller PCB Assembly |
| XT-901 | 1 | 4 | 01/04/11 | Approval - Wolflite XT - Control Circuit |

These drawings are held with IECEx BAS09.0153 issue 3.



20 Certificate History

| Certificate No. | Date | Comments |
|--------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baseefa09ATEX0326 | 28 January 2010 | The release of the prime certificate. The associated test and assessment is documented in Test Reports GB/BAS/ExTR08.0117/00 and GB/BAS/ExTR08.0118/00. |
| Baseefa09ATEX0326 Issue 1 | 26 February 2010 | This issue of the certificate incorporates the previously issued primary & this supplementary certificate into one certificate and permits minor electrical and mechanical changes that do not affect the existing certification as documented in Test Report GB/BAS/ExTR10.0039/00. |
| Baseefa09ATEX0326 Issue 2 | 21 July 2010 | This issue permits minor electrical and mechanical changes that do not affect the existing certification as documented in Test Report GB/BAS/ExTR10.0078/00. |
| Baseefa09ATEX0326 Issue 3 | 18 April 2011 | This issue permits minor electrical and mechanical changes that do not affect the existing certification. Mechanical changes have been introduced to permit some variants to be marked for Group I applications. |
| For drawings applicable to each issue, see original of that issue. | | |