

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **Baseefa09ATEX0326X – Issue 7**

4 Product: **Wolflite XT-\*\***

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

6 Address: **Sheffield, S8 0YA**

7 This re-issued certificate extends EU Type Examination Certificate No. Baseefa09ATEX0326X to apply to product 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.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. (See Certificate History)

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

**EN 60079-0:2012+A11:2013 EN 60079-11:2012 EN 60079-28: 2015**

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 product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following :

 See schedule

SGS Fimko Oy Customer Reference No. 1112

Project File No. 19/0136

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**SGS Fimko Oy**

Särkiniementie 3

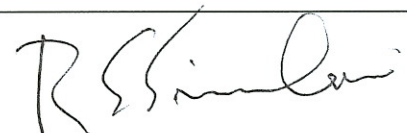
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R S SINCLAIR

Authorised Signatory for SGS Fimko Oy

13

## Schedule

14

Certificate Number Baseefa09ATEX0326X – Issue 7

### 15 Description of Product

The Wolfrite XT-\*\* is a handlamp designed for use in Zone 1, Zone 0, Zone 21 or Zone 20 hazardous areas. Some models are also suitable for Group I use.

It comprises a Nylon based static dissipative body with a rubber 2<sup>nd</sup> 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 Wolfrite XT-\*\* is designed to be charged in a safe area using the approved charger that has a maximum output voltage not exceeding 14V.

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

Wolfrite XT-\*\* (2<sup>nd</sup> star < 5):      Ⓢ II 2GD Ex ib op is IIC T4 Gb Ex ib op is IIIB T185°C Db  
(-20°C ≤ T<sub>amb</sub> ≤ +40°C)

Some build options permit a marking of:      (-30°C ≤ T<sub>amb</sub> ≤ +40°C)

Group I variants may also be marked: Ⓢ I M2 Ex ib op is I Mb

Wolfrite XT-\*\* (2<sup>nd</sup> star ≥ 5):      Ⓢ II 1GD Ex ia op is IIC T4 Ga Ex ia op is IIIB T185°C Da  
(-20°C ≤ T<sub>amb</sub> ≤ +40°C)

Some build options permit a marking of:      (-30°C ≤ T<sub>amb</sub> ≤ +40°C)

Group I variants may also be marked: Ⓢ I M1 Ex ia op is I Ma

### 16 Report Number

See Certificate History.

### 17 Specific Conditions of Use

1. Dust layers must be prevented from building up on the equipment.
2. The equipment must not be left energised and unattended in Zone 20 areas.

### 18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report.

Clause	Subject
1.4.1	External effects
1.4.2	Aggressive substances, etc.

### 19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
XT-711	1	8	30/04/19	Approval - Wolfrite XT - General Arrangement

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
XT-701	1	8	10/10/18	Approval – Wolfli XT Marking
XT-801	1	1	24/11/09	Approval - Wolfli XT - Battery Pack Assembly
XT-802	1	3	21/10/10	Approval - Wolfli XT - Lamp Head and Cassette Assy
XT-810	1	3	07/07/10	Approval - Wolfli XT - Heatsink Assembly
XT-811	1	3	14/04/11	Approval - Wolfli XT - Controller PCB Assembly
XT-820	1	1	24/11/09	Approval - Wolfli XT - Battery Internal Assembly
XT-901	1	4	01/04/11	Approval - Wolfli XT - Control Circuit
XT-902	1	2	07/01/10	Approval - Wolfli XT - Battery Pack Circuit
XT-910	1	3	07/07/10	Approval - Wolfli XT - Control PCB Artwork
XT-921	1	5	26/01/17	Approval – Wolfli XT Signal LED PCB
XT-920	1	7	20/11/18	Approval – Wolfli XT Main LED PCB
XT-930	1	3	6/7/10	Approval - Wolfli XT - Battery PCB
XT-940	1	3	24-02-10	Approval - Wolfli XT - Charger PCB

## 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.
Baseefa09ATEX0326X Issue 4	15 June 2015	This issue of the certificate permits minor mechanical and electrical changes, the addition of protection against IIIB dusts including the addition of X conditions relating to the avoidance of build-up of dust layers, a reduction in the lower certification temperature from -20°C to -30°C, and confirms the current design meets the requirements of EN 60079-0: 2012 and EN 60079-11: 2012.
Baseefa09ATEX0326X Issue 5	7 February 2017	This issue of the certificates confirms that the equipment conforms to the requirements of EN60079-28: 2015 and permits the inclusion of “op is” in the equipment marking. The assessment is documented in test report GB/BAS/ExTR17.0026/00 for Project 16/0687.



<b>Certificate No.</b>	<b>Date</b>	<b>Comments</b>
Baseefa09ATEX0326X Issue 6	12 December 2018	This issue of the certificates permits a change of certification temperature range for certain models, a new second shot material, and a new LED. The assessment is documented in test report GB/BAS/ExTR18.0253/00 for Project 18/0571.
Baseefa09ATEX0326X Issue 7	3 June 2019	This issue of the certificates permits the use of a new overmoulding material. The ATEX Notified Body number is now 0598. The assessment is documented in test report GB/BAS/ExTR19.0086/00 for Project 19/0136.
For drawings applicable to each issue, see original of that issue.		