



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.:	<b>IECEX BAS 09.0153</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 8	Issue 7 (2019-06-03)
Date of Issue:	2022-03-04		Issue 6 (2018-12-12)
Applicant:	<b>Wolf Safety Lamp Company Limited</b> Saxon Road Works Sheffield S8 0YA <b>United Kingdom</b>		Issue 5 (2017-02-07)
Equipment:	<b>Wolflite XT-**</b>		Issue 4 (2015-06-15)
Optional accessory:			Issue 3 (2011-04-28)
Type of Protection:	<b>Intrinsic Safety</b>		Issue 2 (2010-07-29)
Marking:	<b>Wolflite XT-** (2nd star &lt; 5): Ex ib T4 IIC Gb Ex ib IIIB T185°C Db</b> <b>(-20°C ≤ Tamb ≤ +40°C)</b> <b>Some build options permit a marking of (-30°C ≤ Tamb ≤ +40°C)</b> <b>Wolflite XT-** (2nd star &lt; 5) Group I variants may also be marked: Ex ib I Mb</b>		Issue 1 (2010-03-12)
	<b>Wolflite XT-** (2nd star ≥ 5): Ex ia T4 IIC Ga Ex ib IIIB T185°C Db</b> <b>(-20°C ≤ Tamb ≤ +40°C)</b> <b>Some build options permit a marking of (-30°C ≤ Tamb ≤ +40°C)</b> <b>Wolflite XT-** (2nd star ≥ 5) Group I variants may also be marked: Ex ia I Ma</b>		Issue 0 (2010-01-28)

Approved for issue on behalf of the IECEx  
Certification Body:

**R S Sinclair**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

7/7/2022

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**SGS Baseefa Limited**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton, Derbyshire, SK17 9RZ**  
**United Kingdom**





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

Manufacturing  
locations:

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 manufacturer'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 equipment 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

[IEC 60079-0:2011](#) Explosive atmospheres - Part 0: General requirements  
Edition:6.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with 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:

Test Reports:

[GB/BAS/ExTR08.0117/00](#)  
[GB/BAS/ExTR10.0078/00](#)  
[GB/BAS/ExTR17.0026/00](#)  
[GB/BAS/ExTR22.0016/00](#)

[GB/BAS/ExTR08.0118/00](#)  
[GB/BAS/ExTR10.0203/00](#)  
[GB/BAS/ExTR18.0253/00](#)

[GB/BAS/ExTR10.0039/00](#)  
[GB/BAS/ExTR13.0193/00](#)  
[GB/BAS/ExTR19.0086/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0017/10](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Wolfliite XT-\*\* is a handlamp designed for use in Zone 1, Zone 0, or Zone 21 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 Wolfliite 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:

The Wolfliite XT is outside the scope of IEC 60079-28:2015 as clarified by IEC 60079-28:2015/ISH1:2019.

Wolfliite XT-\*\* (2<sup>nd</sup> star < 5): Ex ib IIC T4 Gb Ex ib 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: Ex ib I Mb

Wolfliite XT-\*\* (2<sup>nd</sup> star ≥ 5): Ex ia IIC T4 Ga Ex ib 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: Ex ia I Ma

**SPECIFIC CONDITIONS OF USE: NO**



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

### Variation 8.1

To confirm the equipment is out of scope of IEC 60079-28:2015/ISH1:2019, to change from EPL Da to EPL Db., to remove the previous Specific Conditions of Use, and to confirm compliance with IEC 60079-0:2017.

ExTR: **GB/BAS/ExTR22.0016/00**

File Reference: **21/0495**