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

Certificate No.:	IECEx BAS 09.0153X issue No.:5	Certificate history: Issue No. 5 (2017-2-7) Issue No. 4 (2015-6-15) Issue No. 3 (2011-4-28) Issue No. 2 (2010-7-29) Issue No. 1 (2010-3-12) Issue No. 0 (2010-1-28)
Status:	**Current**	
Date of Issue:	**2017-02-07** Page 1 of 4	

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

Equipment: **Wolflite XT-****
Optional accessory:

Type of Protection: **Intrinsic Safety & Inherently safe optical radiation.**

Marking: **Wolflite XT-** (2nd star < 5): Ex ib op is T4 IIC Gb Ex ib op is IIIB T185°C Db (-30°C ≤ Tamb ≤ +40°C)**
Wolflite XT- (2nd star < 5) Group I variants may also be marked: Ex ib op is I Mb**
Wolflite XT- (2nd star ≥ 5): Ex ia op is T4 IIC Ga Ex ia op is IIIB T185°C Da (-30°C ≤ Tamb ≤ +40°C)**
Wolflite XT- (2nd star ≥ 5) Group I variants may also be marked: Ex ia op is I Ma**

Approved for issue on behalf of the IECEx Certification Body: R S Sinclair PP DBREARLEY

Position: Technical Manager

Signature:
(for printed version)

Date: 7/2/17

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

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Certificate No.: IECEx BAS 09.0153X

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

Additional 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 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 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:

IEC 60079-0 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition: 2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*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

Test Report:
GB/BAS/ExTR08.0117/00
GB/BAS/ExTR08.0118/00
GB/BAS/ExTR10.0039/00
GB/BAS/ExTR10.0078/00
GB/BAS/ExTR10.0203/00
GB/BAS/ExTR13.0193/00
GB/BAS/ExTR17.0026/00

Quality Assessment Report:

GB/BAS/QAR06.0017/07

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Schedule

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

The Wolflite 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 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 based 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 and does not affect the marking of the equipment. The 2nd star denotes versions with different codes:
Wolflite XT-** (2nd star < 5): Ex ib op is T4 IIC Gb Ex ib op is IIIB T185°C Db (-30°C ≤ Tamb ≤ +40°C)
Wolflite XT-** (2nd star < 5) Group I variants may also be marked: Ex ib op is I Mb
Wolflite XT-** (2nd star ≥ 5): Ex ia op is T4 IIC Ga Ex ia op is IIIB T185°C Da (-30°C ≤ Tamb ≤ +40°C)
Wolflite XT-** (2nd star ≥ 5) Group I variants may also be marked: Ex ia op is I Ma

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.

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

Variation 5.1

Assessment to IEC60079-28: 2015 and inclusion of "op is" in the marking.

ExTR: **GB/BAS/ExTR17.0026/00** File Reference: **16/0687**