



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 14.0095 issue No.:1 Certificate history:
Issue No. 1 (2016-12-2)
Issue No. 0 (2015-2-16)

Status: **Current**

Date of Issue: 2016-12-02 Page 1 of 4


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

Equipment: **Markerlite ML-15x**
Optional accessory:

Type of Protection: **Intrinsic safety, Inherently Safe Optical Radiation**

Marking: **Ex ib op is IIC T4 Gb**
Ex ib op is IIIB T200°C Db
Tamb = -40°C to +55°C

Approved for issue on behalf of the IECEx Certification Body: R Sinclair
Position: Technical Manager

Signature: 
(for printed version)

Date: 3 DECEMBER 2016

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](http://www.iecex.com).

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 Ltd**
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/ExTR16.0267/00](#)

[GB/BAS/ExTR14.0164/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0017/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Markerlite ML-15x (where x denotes different models) is a self-contained, high visibility flashing and static indicator. A polycarbonate and TPE enclosure houses two CR2032 standard primary cells, which power a circuit with wide-angle high output LED.

Any make of Lithium Manganese Dioxide CR2032 cells may be used, but only cells of the same make and type may be present at any one time.

SPECIFIC CONDITIONS OF USE: NO



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

Variation 1.1

To permit the protection concept Inherently Safe Optical Radiation "op is" to be added to the marking code and minor mechanical changes that do not affect the existing assessment.

ExTR: GB/BAS/ExTR16.0267/00

File Reference: 16/0688