



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

Certificate No.:	IECEX BAS 06.0001	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 10	Issue 9 (2022-03-04)
Date of Issue:	2022-10-18		Issue 8 (2020-02-12)
Applicant:	Wolf Safety Lamp Company Ltd Saxon Road Works Sheffield S8 0YA United Kingdom		Issue 7 (2016-12-02)
Equipment:	Wolf Rechargeable Torch R-5X		Issue 6 (2015-08-03)
Optional accessory:			Issue 5 (2011-06-21)
Type of Protection:	Intrinsic Safety		Issue 4 (2009-11-27)
Marking:	R-5X (where X < 5):- Ex ib I Mb / IIC T3/T4 Gb (-20°C/-30°C/-40°C ≤ Ta ≤ +40°C) Ex ib IIIB T200°C Db		Issue 3 (2007-12-10)
	R-5X (where X ≥ 5):- Ex ia I Ma / IIC T3/T4 Ga (-20°C/-30°C/-40°C ≤ Ta ≤ +40°C) Ex ib IIIB T200°C Db		Issue 2 (2007-09-19)
			Issue 1 (2007-01-24)

The lower certification temperature marked on each torch is dependant on the torch body material used.

Approved for issue on behalf of the IECEx
Certification Body:

R S Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:
(for printed version)

18/10/2022

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 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 Ltd**
Saxon Road Works
Sheffield
S8 0YA
United Kingdom

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

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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[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/ExTR06.0024/00](#)
[GB/BAS/ExTR10.0148/00](#)
[GB/BAS/ExTR19.0268/00](#)

[GB/BAS/ExTR07.0107/00](#)
[GB/BAS/ExTR15.0050/00](#)
[GB/BAS/ExTR22.0015/00](#)

[GB/BAS/ExTR09.0196/00](#)
[GB/BAS/ExTR16.0256/00](#)
[GB/BAS/ExTR22.0148/00](#)

Quality Assessment Report:

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



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Wolf Rechargeable Torch R-5X uses a single LED and rechargeable battery with an electronic control circuit housed in a right-angled anti-static thermoplastic body. The rubber armoured lens ring and end cap retain either a coated polycarbonate or toughened glass lens.

The enclosure provides an ingress protection level of IP67. The right-angle body arrangement incorporates a replaceable thermoplastic belt clip for hands-free use.

The Rechargeable Torch R-5X must be charged in a non-hazardous area with a charger having an output voltage not exceeding 14V: $U_o = 14V$

The model number may be followed by a further suffix for operational purposes.

The rechargeable torch may also be fitted with an optional cassette to take primary cells. Primary cell versions may use only the following cell types:- any R6/AA size zinc-chloride or zinc-carbon cells, or LR6/AA size batteries of type Duracell Plus, Duracell Procell, Duracell Industrial, Energizer Ultra+ or Energizer Industrial.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Variation 10.1

To permit minor drawing changes not affecting the original assessment.

ExTR: GB/BAS/ExTR22.0148/00

File Reference: 22/0380
