



Lloyd's  
Register

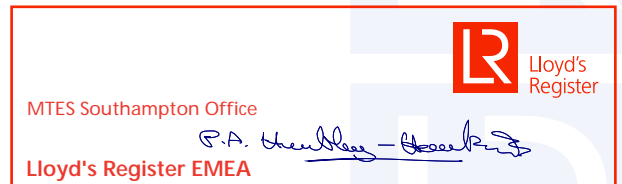
## Type Approval Certificate Extension

This is to certify that Certificate No. 12/ 00002 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Wolf Safety Lamp Company Ltd
<b>PLACE OF PRODUCTION</b>	Saxon Road Works Sheffield, S8 0YA United Kingdom (UK)
<b>DESCRIPTION</b>	Rechargeable Battery Powered Safety Handlamp
<b>TYPE</b>	Wolflite XT**
<b>APPLICATION</b>	XT-**(2 <sup>nd</sup> star<5) Zone 1 and Zone 2 of potentially explosive gas, vapour and mist atmospheres and Zone 21 and Zone 22 of potentially explosive dust atmospheres.  XT-**(2 <sup>nd</sup> Star≥5) Zone 0, 1 and 2 of potentially explosive gas, vapour and mist atmospheres and Zone 20, Zone 21 and Zone 22 of potentially explosive dust atmospheres.
<b>SPECIFIED STANDARDS</b>	EN60079-0:2012 +A11:2013 EN60079-11:2012

<b>Certificate No.</b>	12/ 00002(E1)
<b>Issue Date</b>	03 November 2015
<b>Expiry Date</b>	06 February 2017
<b>Sheet</b>	1 of 2



P. A .Huntley-Hawkins  
Marine Technology & Engineering Services, Southampton  
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**RATINGS**

XT-\*(2<sup>nd</sup> star<5)  
IM2/ II 2GD  
Ex ib I Mb/ IIC T4 Gb  
Ex ib IIIB T185°C Db IP67  
-30°C≤Ta≤40°C

XT-\*(2<sup>nd</sup> star≥5)  
IM1/ II 1GD  
Ex ia I Ma/ IIC T4 Ga  
Ex ia IIIB T185°C Da IP67  
-30°C≤Ta≤40°C

**OTHER CONDITIONS**

Charge only in non-hazardous (safe) areas using the approved charger that has a maximum output voltage not exceeding 14 V.

Dust layers must be prevented from building up on the handlamp and it must not be left energised and unattended in Zone 20 areas.

*“This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd’s Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate.”*

*The attached Design Appraisal Document No12/00002(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

*All other details remain as the previous Certificate No. 12/00002 to which this extension should be attached.*

**Certificate No.** 12/ 00002(E1)  
**Issue Date** 03 November 2015  
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**Sheet** 2 of 2



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**Part 1B**

**Subject: Electrical Equipment (Not Environmentally Tested)**

**Product: Safety Apparatus (Part 1B)**

Producer/Licence No.	Description of Product				Cert. No.
	Type	Details of Approval	Application	Remarks	
<b>Wolf Safety Lamp Company Ltd,</b> <b>Saxon Road Works,</b> <b>Sheffield, S8 0YA,</b> <b>United Kingdom</b> <b>(UK).</b>	Wolflite XT-**	Rechargeable battery powered safety handlamp  XT-**(2 <sup>nd</sup> star<5) IM2/II 2GD Ex ib I Mb/IIC T4 Gb Ex ib IIIB T185°C DbIP67 -30°C≤Ta≤40°C  XT-**(2 <sup>nd</sup> star≥5) IM1/II 1GD Ex ia I Ma/IIC T4 Ga Ex ia IIIB T185°C Da IP67 -30°C≤Ta≤40°C  Charge only in non-hazardous (safe) areas using the approved charger that has a maximum output voltage not exceeding 14 V  Dust layers must be prevented from building up on the handlamp and it must not be left energised and unattended in Zone 20 areas.	XT-**( 2 <sup>nd</sup> star<5) Zone 1 and Zone 2 of potentially explosive gas, vapour and mist atmospheres and Zone 21 and Zone 22 of potentially explosive dust atmospheres.  XT-**( 2 <sup>nd</sup> star≥5) Zone 0, 1 and 2 of potentially explosive gas, vapour and mist atmospheres and Zone 20, Zone 21 and Zone 22 of potentially explosive dust atmospheres.	Expires: 6 February 2017  EN60079-0:2012+A11:2013 EN60079-11:2012	12/00002(E1)

*P.A. Henley - Henley*