



Lloyd's  
Register

## Type Approval Certificate Extension

This is to certify that Certificate No. 08/00036(E1) 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 Safety Torch/Flashlight
<b>TYPE</b>	Wolf ATEX R-50/R-55
<b>APPLICATION</b>	R-50: Zone 1 and Zone 2 of potentially explosive gas, vapour and mist atmospheres and Zone 21 and Zone 22 of potentially explosive dust atmospheres in the marine industries.  R-55: 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 in the marine industries.
<b>SPECIFIED STANDARDS</b>	EN 60079-0:2012 + A11:2013 EN 60079-11:2012

<b>Certificate No.</b>	08/00036(E2)
<b>Issue Date</b>	24 September 2015
<b>Expiry Date</b>	22 August 2018
<b>Sheet</b>	1 of 2



P.A. Huntley-Hawkins  
Marine Technology & Engineering Services  
Lloyd's Register EMEA

Lloyd's Register EMEA  
Global Technology Centre, Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

Lloyd's Register EMEA  
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



**RATING**

Model	Code	Ambient Temperature	Bulb
R-50	I M2 /II 2GD Ex ib I Mb/IIC T4 Gb Ex ib IIIB T200°C Db IP67	-40° /-30° /-20°C to +40°C	High Power LED: 3 W
R-55	I M1 /II 1GD Ex ia I Ma/IIC T4 Ga Ex ia IIIB T200°C Da IP67	-40° /-30° /-20°C to +40°C	High Power LED: 3 W

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

**OTHER CONDITIONS**

The equipment is to be opened and charged only in non-hazardous (safe) areas.  
 Dust layers must be prevented from building up on the equipment.  
 The equipment 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 No. 08/00036(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 08/00036(E1) to which this extension should be attached.

**Certificate No.** 08/00036(E2)  
**Issue Date** 24 September 2015  
**Expiry Date** 22 August 2018  
**Sheet** 2 of 2



P.A. Huntley-Hawkins  
 Marine Technology & Engineering Services  
 Lloyd's Register EMEA

Lloyd's Register EMEA  
 Global Technology Centre, Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

Lloyd's Register EMEA  
 Is a subsidiary of Lloyd's Register Group

**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		
<p>Wolf ATEX R-50 / R-55</p> <p>Wolf Safety Lamp Company Ltd,  Saxon Road Works,  Sheffield, S8 0YA,  United Kingdom (UK).</p>	<p>Rechargeable Safety Torch/Flashlight</p> <p>R-50 Code: I M2 / II 2GD  Ex ib I Mb / IIC T4 Gb  Ex ib IIIB T200°C Db IP67  Ambient Temperature: -40° / -30° / -20°C to +40°C  Bulb: High Power LED, 3 W</p> <p><u>R-55</u>  Code: I M1 / II 1GD  Ex ia I Ma / IIC T4 Ga  Ex ia IIIB T200°C Da IP67  Ambient Temperature: -40° / -30° / -20°C to +40°C  Bulb: High Power LED, 3 W</p> <p>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</p> <p><b>OTHER CONDITIONS:</b>  The equipment is to be opened and charged only in non-hazardous (safe) areas.  Dust layers must be prevented from building up on the equipment.  The equipment must not be left energised and unattended in Zone 20 areas.</p>	<p>R-50 Zone 1 and Zone 2 of potentially explosive gas, vapour and mist atmospheres and Zone 21 and Zone 22 of potentially explosive dust atmospheres in the marine and offshore industries.</p> <p>R-55: 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 in the marine industries.</p>	<p>Expires: 22 August 2018</p> <p>Complies with:  EN 60079-0:2012 + A11:2013  EN 60079-11:2012</p>	08/00036(E2)	

*S.A. Theobalds - Theobalds*

24 September 2015