

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER Wolf Safety Lamp Company Ltd

PLACE OF PRODUCTION Saxon Road Works
Sheffield, S8 0YA
United Kingdom (UK)

DESCRIPTION Rechargeable Safety Torch/Flashlight

TYPE Wolf ATEX
R-30

APPLICATION 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.

SPECIFIED STANDARDS EN 60079-0: 2004 EN 60079-7: 2003
EN 50020: 2002 EN 61241-0: 2004
EN 61241-1: 2004

RATING

Model	Code	Ambient Temperature	Bulb
R-30	II 2 GD T85°C Ex e ib IIC T4 tD A21 IP67	- 20° C to + 40° C	Halogen: 6.0 V, 4 W

OTHER CONDITIONS Torch to be opened only in non-hazardous (safe) areas.

Certificate No. 08/00032

Issue Date 23 August 2008

Expiry Date 22 August 2013

Sheet 1 of 2



M.H.A. Ruffaie
London Design Support Services
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



"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 Design Appraisal Document No.08/00032 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 08/00032
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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	
Wolf Safety Lamp Company Ltd, Saxon Road Works, Sheffield, S8 0YA, United Kingdom (UK).	Wolf ATEX R-30	Rechargeable Safety Torch/Flashlight Code: II 2 GD T85°C Ex e ib IIC T4 tD A21 IP67 Ambient Temperature: - 20° C to + 40° C Bulb: Halogen, 6.0 V, 4 W Torch to be opened only in non-hazardous (safe) areas	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	Expires: 22 August 2013 Complies with: EN 60079-0: 2004 EN 50020: 2002 EN 60079-7: 2003 EN 61241-1: 2004 EN 61241-0: 2004	08/00032

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23 AUG 2008