


CERTIFICATE OF TYPE APPROVAL

This is to certify that

LLOYD'S REGISTER OF SHIPPING specified as a "person" under the terms of The Merchant Shipping (Delegation of Equipment Approval) Regulations 1996, did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the essential safety requirements subject to any conditions in the Design Appraisal Document hereto.

Producer	The Wolf Safety Lamp Co. Ltd.		
Address	Saxon Road Works Sheffield, S8 0YA United Kingdom (UK)		
Equipment Description	a.	Primary cell powered safety handlamp	
	b.	Rechargeable battery powered safety handlamp	
Types	a.	Wolflite Handlamp H-4DCA	
	b.	Wolflite Handlamp H-251A	
Specified Standard	a/b.	EN 50014: 1997 EN50019: 2000 EN50020: 1993 EN50281-1-1: 1998 Code: II 2 GD EEx eib IIC T4 IP66 T135°C	
	b.	EN 50081-1: 1992 EN 50082-1: 1992	
Date of issue	13 March 2002	Issued by	Lloyd's Register of Shipping
Expiry date	03 July 2006		
Certificate No.	MCA 0200009	Signed	
Sheet No	1 of 2	Name	M.H.A. Rufaie Marine Support Group London

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the nominated body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



Maritime and Coastguard Agency
An Executive Agency of the Department of the
Environment, Transport and the Regions

This certificate is issued under the authority
given in Merchant Shipping Notice No M 1645.

Application	For use in 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.
Other Conditions	a/b. Handlamp to be opened only in non-hazardous (safe) areas. b. Charge only in non-hazardous (safe) areas and use the battery charger designated by the manufacturer only.

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

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Certificate No.	MCA 0200009	Signed	<i>M. M. Rufaie</i>
Sheet No	2 of 2	Name	M.H.A. Rufaie Marine Support Group London

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