



EC-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC

EC-Type Examination Certificate Number : **BAS01ATEX2187**

Equipment or Protective System: **HANDLAMP H-4DCA**

This Certificate is held by: **ECOM ROLF NIED GmbH**

Address: **Industriestrasse 2, D-97959 Assamstadt, Germany**

This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

The Electrical Equipment Certification Service, notified body number 600 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

01(C)0295 dated 14 May 2001

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014: 1997 + Amds 1 & 2 EN 50019: 2000 EN 50020: 1994 + Amd 1 EN 50028-1-1:1998
except in respect of those requirements listed at item 18 of the Schedule.

If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

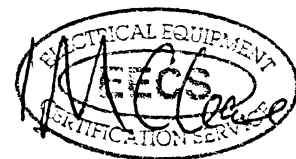
The marking of the equipment or protective system shall include the following:-

Ex II 2 GD EEx eib IIC T4 IP66 T135°C

This certificate may only be reproduced in its entirety and without any change, schedule included.

File No: **EECS 4206/03/001**

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



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I M CLEARE
DIRECTOR
21 May 2001



13

Schedule

14

EC-TYPE EXAMINATION CERTIFICATE N° BAS01ATEX2187

15

Description of Equipment or Protective System

The **Handlamp H-4DCA** is a portable light with a moulded anti-static plastic case and lens ring, and a toughened glass lens. The lens is sealed to the lens ring and the lens ring is sealed to the case by nitrile, neoprene or EPDM O-rings/seals. The lens ring screws onto the body and as an option may be locked in place by a socket head lock screw. The lock screw prevents switch slider mechanism operation until the lens ring is locked in place.

The impact resistant enclosure provides an ingress protection rating of IP66.

The switch slider mechanism contains a magnet which operates an internal hermetically sealed reed switch.

Power is provided by means of four R20, LR20, IEC 86 type primary cells held in a removable cassette.

A 4.8 volt 0.5 amp type H-141 bulb is used which is considered to be infallible, i.e. it will not fail to a short circuit condition.

16

Report Nos.

01(C)0295 dated 14 May 2001

17

Special Conditions For Safe Use

None

18

Essential Health and Safety Requirements

All requirements are covered by compliance with EN 50014: 1997 + Amds 1 & 2, EN 50019: 2000, EN 50020: 1994 + Amd 1 and EN 50281-1-1: 1998.

19

DOCUMENTS

Number	Sheet	Issue	Date	Description
DC-911	1 of 1	1	4/5/01	Label
BAS00ATEX2203			8/1/01	Original Certificate

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BASEEFA List Keywords
2HANDLUM