



(1) EC-Type Examination Certificate

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) Examination certificate number: **SEV 13 ATEX 0182 X**
- (4) Equipment: Handlight
Type: UK2AA eLED-ES and UK2AA eLED-ET
- (5) Manufacturer: Underwater Kinetics
- (6) Address: 13400 Danielson Street, US- Poway, CA 92064, USA
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Electrosuisse SEV, notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The results of the examination are recorded in confidential report no. 13-Ex-0023.01.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
EN 60079-0:12 **EN 60079-11:12**
- (10) If the sign «X» is placed after the certificate number, it indicates that the equipment or protective system is subjected to special conditions for safe use specified in the schedule to this certificate.
- (11) This examination certificate relates only to design and construction of the specified equipment in accordance with the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.
- (12) The marking of the equipment shall include the following:

II 2G Ex ib IIC T4 Gb
 II 2D Ex ib IIC T60 °C Db

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(13)

Appendix

(14)

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(15) Description of the equipment

The hand light type UK 2AA ELED-ES resp. UK 2AA ELED-ET is a universal lamp suitable for use in potentially explosive atmospheres zones 1 and 21. The light source in the lamp head consists of an LED unit. Depending on the particular model, the lamp is switched on and off with a pushbutton on the side. The used batteries are primary cells only.

Batteries (Alkaline)

2 x DURACELL PROCEL; LR6 / AA / MN1500
2 x DURACELL PLUS; LR6 / AA / MN1500
2 x Energizer Industrial; LR6 / AA / EN91 / AM3

Voltage (U)

3.0 V (2 x 1.5 V)
3.0 V (2 x 1.5 V)
3.0 V (2 x 1.5 V)

Classification of installation and use:

Ingress protection:

Rated ambient temperature range:

stationary

IP65

-20 °C to +40 °C

(16) Test Report

13-Ex-0023.01

(17) Special conditions for safe use

- 1 Between the batteries the insulator must be installed.
- 2 Do not open in hazardous locations.

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied.



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