



EC-TYPE EXAMINATION CERTIFICATE

- 2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 94/9/EC
- 3. EC-Type Examination Certificate Number: ITS11ATEX27239X
- 4. Equipment or Protective System: EMERGENCY LIFEJACKET LIGHT L6-EX AND L6A-EX
- Manufacturer: DANIAMANT LTD.
- 6. Address: Unit 3, The Admiral Park,

Airport Service Road, Portsmouth, UK.

PO3 5RQ

- This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8. Intertek Testing and Certification Limited, notified body number 0359 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 Intertek Report Ref 10047343 Issue 1 dated May 2011.

- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2006, EN 60079-11:2007 and EN 60079-26:2007 except in respect of those requirements referred to 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.
- 11. This EC Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- 12. The marking of the equipment or protective system shall include the following:-



II 1 G Ex ia IIC T3 Ga

-35° < Ta < +65°C

A T Austin Certification Officer 10 May 2011

Intertek Testing & Certification Limited Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977

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- 13. SCHEDULE
- 14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS11ATEX27239X
- 15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM

The DANIAMANT LTD L6-Ex and L6A-Ex Emergency Lifejacket Lights are illuminating lifejacket safety devices designed for use when the wearer enters the water, the difference between the two models is the method in which the unit is activated, the L6-Ex utilises a pull ring whilst the L6A-Ex has a water activated switch.

The equipment comprises of a printed circuit board, lithium battery, light emitting diode and in the case of the L6-Ex a reed switch, the enclosure for the device is comprised of two plastic parts.

The electronics within the housing are encapsulated in epoxy resin.

Intrinsic safety is maintained by the limitation of current, power, inductance and capacitance and the use of specified batteries.

16. REPORT NUMBER

Intertek Report Ref 10047343 Issue 1 dated May 2011.

17. SPECIAL CONDITIONS FOR SAFE USE

The L6-Ex and L6A-Ex are housed within plastic enclosures, and may be susceptible to electrostatic charging.

18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSR'S)

The relevant EHSR's have been identified and assessed in Intertek Report Ref 10047343 Issue 1 dated May 2011.

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- 13. SCHEDULE
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- 19. DRAWINGS

L6A-Ex LIFEJACKET LIGHT	79-350A	02	02/03/2011
L6-Ex PCB ASSEMBLY	79-311B	01	11/11/2010
L6-Ex & L6A-Ex CIRCUIT DIAGRAM	79-311C	03	06/05/2011
L6-Ex PCB ITEMS LIST	79-311L	05	03/05/2011
L6-Ex PCB	79-312D	01	11/11/2010
L6A-Ex FAMILY TREE	79-350F	02	03/03/2011
L6A-Ex PCB ASSEMBLY	79-351B	01	11/11/2010
L6-Ex LIFEJACKET LIGHT	79-310A	02	02/03/2011
L6A-Ex PCB ITEMS LIST	79-351L	05	03/05/2011
L6-Ex FAMILY TREE	79-310F	02	02/03/2011
L6-Ex PCB ARTWORK DETAILS, 8 SHEETS	79-312N	04	23/02/2011
L6-Ex and L6A-Ex LABLE BOTTOM	79-354D	03	04/04/2011
EPOXY RESIN PX439XS	99-151-XXXD	01	02/03/2011

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