



EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No.1025), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Life-saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU and Commission Implementing Regulation (EU) 2017/306 indicating design, construction and performance requirements and testing standards for marine equipment, subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer (Applicant)	Daniamant Limited
Address	Unit 3, The Admiral Park Airport Service Road Hilsea Portsmouth Hampshire, PO3 5RQ United Kingdom (UK)
Reference	Regulation 2017/306
Regulation Item (No & Item designation)	MED/1.2c POSITION-INDICATING LIGHTS FOR LIFE-SAVING APPLIANCES - FOR LIFEJACKETS
Product Type	Position-indicating lights for life saving appliances: (c) For Lifejackets
Product Description	Position Indicating flashing lifejacket lights, with manually activated switch- Type "L6"
Specified Standard	IMO Resolution MSC.81(70), Part 1, as amended

The attached Design Appraisal Document (schedule) forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue 16 May 2018 Expiry date 15 May 2023

Certificate No. MED 1850094

Signed

Sheet No. 1 of 3

Name

L. Thomas
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038

Note:

This certificate is issued under the authority of the MCA.

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 notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.

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Lloyd's
Register

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Document number MED 1850094
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 16 May 2018	Quote this reference on all future communications SOUTSO/SFS/TA/LT/WP27423868
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1850094

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

APPROVAL DOCUMENTATION

Technical File – TF001, Revision 3.

Installation and Maintenance Instruction for L6 lifejacket light, Document No: 79-114-001, issue 10 (C6495)

TEST REPORTS

<u>Report No.:</u>	<u>Report Title or Test Description:</u>	<u>Date:</u>
006-01	Evaluation and Test Report for L6 Lifejacket Lights	3,4,5.09.2001
ENV/18262	Mould Growth Test	11.09.2002
75934744 THC02, Issue 1	L6 Temperature cycling test (current build standard)	28.04.2016
Letter	Battery CR2/3A acceptance for L6 light	16.01.2007
DANAK-1911204	Vibration test	22.12.2010

CONDITIONS OF CERTIFICATION

- Lights powered by batteries shall be marked with a means of determining their age or the date by which they are to be replaced
- Each light is to be marked with the information required by the LSA Code Paragraph 1.2.2.9 and 1.2.3
- For compliance with SOLAS Regulation III/35 and III/36, fully detailed operations and maintenance manuals shall be supplied with each light
- The lifejacket type where the subject design of light is fitted should be tested in accordance with IMO Resolution MSC.81(70), I/10.3.3 to confirm the adequacy of their means of attachment
- Lights which have reached their date of replacement shall be disposed of safely with due regard to their lithium batteries
- The arrangement and installation of the lights on the lifejacket on board are not part of this design appraisal or certificate and are to be to the satisfaction of the Surveyors attending on board
- If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply
- Production items are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or Product Verification (Module F) of the Marine Equipment Directive



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9. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5 and recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D), or Product Quality Assurance (Module E), or witnessed by the Notified Body (LRV) as required by the Product Verification (Module F) of the Marine Equipment Directive. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration
10. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place
11. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This certificate will require to be updated for Approval to be maintained

PLACES OF PRODUCTION

Daniamant Limited Unit 3, The Admiral Park Airport Service Road Hilsea Portsmouth Hampshire PO3 5RQ United Kingdom	Daniamant A/S Industrivej 24C 3550 Slangerup Denmark
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Lijo Thomas
Senior Specialist
Statutory Fire & Safety
Southampton Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038