

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Position indicating lights for lifebuoys

with type designation(s)

"70030" POSITION-INDICATING LIGHTS FOR LIFEBOUYS

Issued to

Lalizas Hellas S.A.
Piraeus, Greece

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2018/773**,

item No. MED/1.2b. SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/32, III/34 & X/3, LSA Code, 2000 HSC Code 8

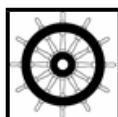
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2020-05-03**.

Issued at **Hamburg** on **2019-02-07**

DNV GL local station:
Hamburg

Approval Engineer:
Didier Girardin



Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudsus
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-009093-1**
Certificate No: **MEDB000052W**

Product description

Flashing Lifebuoy Light of type "70030" POSITION-INDICATING LIGHTS FOR LIFEBOUYS activated automatically whenever turned to the upward position

Application/Limitation

Instruction for maintenance and operation manual to be provided with each delivery

Type Examination documentation

Test report : Light for lifebuoy "Lalizas Hellas" PA039 Tested by HEEQAC, Greece by 01/02.2002; Mould Growth test, TÜV certificate number Env/17519, Certificate 08902/CO EC File number LSA3404/02, Test report 58-2012

Tests carried out

The products have been tested in accordance with
IMO Solas 74 Convention as amended, Regulations III(7, 22, 32, 34)
IMO Res. MSC.36(63)-(1994 HSC Code) 8
IMO Res. MSC.97(73)-(2000 HSC Code) 8
IMO Res.MSC.48(66)-(LSA Code) I. II
MSC.81(70) as amended

Marking of product

According to Article 10 of the Council Directive (MED) and including information required by the LSA Code § 1.2.2.9 and § 1.2.3

- Manufacturer name
- Type identification
- Lot number

END OF CERTIFICATE