

**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 Lifebuoys**

with type designation(s)  
**Lifebuoy type 2.5 kg (code 70090) and Lifebuoy type >4 kg (code 70110)**

Issued to  
**Lalizas Hellas S.A.**  
**Piraeus, Greece**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2015/559,**  
**Annex A.1, item No. A.1/1.1 and Annex B, Module B in the Directive; SOLAS 74 as amended,**  
**Regulation III/4, III/7, 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 **2021-11-03.**

Issued at **Hamburg** on **2016-11-04**

DNV GL local station:  
**China South CMC/ SIO**

Approval Engineer:  
**Michael Oberländer**



Notified Body  
No.: **0098**



for **DNV GL SE**

Digitally Signed By: Mydlak-Röder, Christine  
Location: DNV GL Hamburg, Germany  
, on behalf of

**Sven Dudzus**  
**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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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: **344.1-005900-1**  
Certificate No: **MEDB00001J1**

### **Product description**

Lifebuoy 2.5 kg and >4 kg.  
Max. storage height above the water line: 80 m

### **Application/Limitation**

Production tests are to be conducted in accordance with IMO Res. MSC.81(70) Part 2, and recorded by the manufacturer in accordance with the approved Production Quality Assurance System for Module D of the Marine Equipment Directive 96/98/EC as amended.  
The design assessment is based on IMO Res. MSC.48(66)-LSA-Code Ch.I and II, as amended by MSC.207(81) and MSC.218(82)

### **Type Examination documentation**

Evaluation and test report from Wuhan Marine Lifesaving Equipment Quality Inspection Center dated 2007-04-02, Report WD/WJS/15/11 and WD/WJS/16/11 dated 2011-07-15 by PRS  
Replaces previous MED-B Certificate: 94355-10 HH

### **Tests carried out**

The products have been tested in accordance with IMO Res.MSC.81(70) Part 1, as amended by IMO Res. MSC.200(80) and MSC.226(82)

### **Marking of product**

The product is to be indelibly marked with name of manufacturer and the type designation. The marking shall comply with the LSA Code (IMO Res. MSC.48(66) Item 1.2.2.9).