

# 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)  
**Lifebuoys RS5555-I (weight >2.5 kg) and RS5555-II (weight >4.3 kg)**

Issued to  
**Jiaxing Rongsheng Lifesaving Equipment Co., Ltd.**  
**Jiaxing City, 130, China**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2017/306**,  
**item No. MED/1.1. SOLAS 74 as amended, Regulation III/4, III/7, III/34 & X/3, LSA Code, 2000 HSC Code 8**

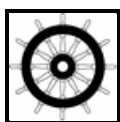
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-05-22**.

Issued at **Hamburg** on **2018-05-23**

DNV GL local station:  
**Shanghai CMC**

Approval Engineer:  
**Peter Zell**



Notified Body  
No.: **0098**

for **DNV GL SE**

**Sven Dudszus**  
**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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



## Product description

Lifebuoys RS5555-I (weight >2.5 kg) and RS5555-II (weight >4.3 kg)

## 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:

- IMO Res. MSC.207(81) and
- IMO Res. MSC.218(82).

Max. storage height above water line: 80m

## Type Examination documentation

This certificate is based on the previous EC Type Examination Certificate 60417-13 HH issued by DNV GL on 2013-05-31.

Evaluation and test report from The National Supervision and Testing Center of Fishery Machinery and Instrument, China

No. 2012YW126 and 2012YW127 dated 2012-12-17~2013-01-28

Drawings:

- RSJSQ-B-1 Vers.No. A/1 – General Drawing – Life buoy
- RSJSQ-B-1-1 Vers.No. A/1 – Outer Covering (HDPE)
- RSJSQ-B-1-2 Vers.No. A/1 – Inner Material (Polyurethane)
- RSJSQ-B-1-3 Vers.No. A/1 – String (Nylon)
- RSJSQ-B-1-4 Vers.No. A/1 – Reflective Tape (PET)
- RSJSQ-B-1-5 Vers.No. A/1 – Sealing Cap (HDPE)

## 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
- IMO Res. MSC.226(82).

## Marking of product

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