

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00003ST
Revision No:
1

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) 2022/1157**,

item No. MED/1.1. SOLAS 74 as amended, Regulation III/4, III/7, III/34 & X/3, LSA Code, 2000 HSC Code 8

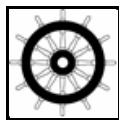
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2028-08-16**.

Issued at **Hamburg** on **2023-08-17**

DNV local unit:
Shanghai

Approval Engineer:
Roland Priebe



Notified Body
No.: **0098**

for **DNV GL SE**

Christine Mydlak-Roeder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

RS5555-I and RS5555-II,
are orange buoyant rings provided with grab lines and reflective strips.

Model	RS5555-I	RS5555-II
Weight	>2.5 kg	>4.3 kg
Outer diameter	720 ± 10 mm	720 ± 10 mm
Inner diameter	450 ± 10 mm	450 ± 10 mm
Thickness	110 ± 5 mm	110 ± 5 mm
Colour	Orange	Orange
Max drop height	80 m	80 m
Outer covering	HDPE	HDPE
Buoyancy material	Polyurethane	Polyurethane

Application/Limitation

Approved for use as lifebuoys.

Lifebuoy type RS5555-II does not have sufficient mass to operate the quick-release arrangement provided for the self-activated smoke signals and self-igniting lights.

Each lifebuoy shall be marked in block capitals of the Roman alphabet with the name and port of registry of the ship on which it is carried.

Retro-reflective material used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. If the lifebuoys are fitted with position-indicating lights or lifebuoys self-activating smoke signals, these shall also be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

The design assessment is based on International Life-Saving Appliances (LSA) Code, IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81).

Production testing shall be carried out according to IMO Res. MSC.81(70) part 2 as amended.

Type Examination documentation

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 and 2023-08-08.

Inspection report No. 2021YW126 dated 28 January 2013 from National Supervision and Testing Center of Fishery Machinery and Instrument, Shanghai, China.

Inspection report No. 2021YW127 dated 28 January 2013 from National Supervision and Testing Center of Fishery Machinery and Instrument, Shanghai, China.

Drawing No. RS5555-1 / II, Ver. B/2, Assembly Drawing, dated 13 March 2023 from maker
Drawing No. RS5555-1 / II-1, Ver. B/2, Outer Covering, dated 13 March 2023 from maker
Drawing No. RS5555-1 / II-2, Ver. B/2, Marking, dated 13 March 2023 from maker
Drawing No. RS5555-1 / II-3, Ver. B/2, Sealing Cap, dated 13 March 2023 from maker
Drawing No. RS5555-1 / II-4, Ver. B/2, String, dated 13 March 2023 from maker
Drawing No. RS5555-1 / II-5, Ver. B/2, Inside Material, dated 13 March 2023 from maker
Drawing No. RS5555-1 / II-6, Ver. B/2, Reflective Tape, dated 13 March 2023 from maker

Tests carried out

Tests are documented in accordance with the recommendation on testing of Life-Saving Appliances, 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, date of manufacture, date of expiry, operational restrictions and the MED Mark of Conformity (see page 1).