DNV·GL

Certificate No:
MEDB00005HX

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 Lifejackets

with type designation(s)
Adult size, inherently buoyant: RSCY-A3(275N), RSCY-A7(150N), RSCY-A8(150N), RSCY-A9 (150N)

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) 2019/1397,**
item No. MED/1.4. SOLAS 1974 as amended, Reg. III/4, III/7, III/22, III/34 & X3, LSA Code, 2000 HSC Code 8 and IMO MSC/Circ.922, IMO MSC.1/Circ.1304 and 1470.

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

This Certificate is valid until **2025-01-15**.
Issued at **Hamburg** on **2020-01-16**

DNV GL local station:
Shanghai

Approval Engineer:
Michael Oberländer

Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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Product description

The RSCY-A3/-A7/-A8/-A9 are all versions of inherently buoyant, adult lifejackets and are approved for persons with a weight of 43 kg and more and for a height of 155 cm or more. They are designed to fit persons weighting up to 140 kg and a chest girth of up to 1,750 mm, in accordance with IMO Res, MSC.207(81).

Application/Limitation

- This certificate replaces the previous MED-B Certificate 11218-14HH.
- Retro-reflective material and position indicating light shall be approved in accordance 2014/90/EC as amended and be "wheelmarked".
- The design assessment is based on IMO Res. MCS.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82) and IMO Res. MSC.368(93).
- Production tests shall be carried out according to IMO Res. MSC.81(70), Part 2 as amended.
- IMO MSC/Circ.922 is not applicable for this lifejacket type.

Type Examination documentation

The following documentation is basis for the DNV GL approval:

- Test for MSC.378(93):
  - Wuhan Testing Center of Marine Life-Saving Appliances, No. 2017038, 2017042, 2017043, 2017044, all dated 2017-03-17
- Tests for MSC.81(70):
  The National Supervision and Testing Center of Fishery Machinery and Instrument, No. 2013YW146, 2013YW147, 2013YW148 and 2013YW149 between 2013-11-25 and 2014-01-07
- Material tests:
  Wuhan Testing Center of Marine Life-Saving Appliances, No. 2012041 (buoyant material), 2012037 (fabric), 2012040 (hardware), 2012039 (sewing thread) and 2012038 (structural webbing)
- Technical file approved with NPS job 344.1-009478-1

Tests carried out

Tests carried out in accordance with Revised Recommendations on testing of Life-Saving Appliances, IMO Res.MSC.81(70), Part 1, including IMO Res. MSC.226(82), IMO Res. MSC.323(89) and IMO Res. MSC.378(93).

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation, batch or serial number or other elements allowing their identification. The marking shall comply with the LSA-Code (IMO Res. MSC.48(66)), item 1.2.2.9 and 2.2.1.2.