DNV·GL

Certificate No:
MEDB00001JZ

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)
RSEY-1, Inherently buoyant, children size

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) 2015/559,**
Annex A.1, item No. A.1/1.4 and Annex B, Module B in the Directive. 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.

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

This Certificate is valid until **2022-01-04**.

Issued at **Hamburg** on **2017-01-05**

DNV GL local station:
Shanghai CMC

Approval Engineer:
Michael Oberländer

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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Product description
RSEY-1 is an inherently buoyant lifejacket for children (Usersize: Height: 100-155 cm, Weight 15-43 kg).

Application/Limitation
- This certificate replaces the previous MED-B Certificate 20036-11 HH.
- Position indicating light and retro-reflective materials shall be approved in accordance with the Marine Equipment Directive and be "wheelmarked".
- The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81) and IMO Res. MSC.218(82).
- Production and installation testing shall be carried out according to IMO Res. MSC.81(70), part 2.
- IMO MSC/Circ.922 is not applicable for this lifejacket type.

Type Examination documentation
The following documentation is basis for the DNV GL approval:

Technical File approved with ref. 11-048599	
Reports from prototype testing witnessed by GL Shanghai	2010-06-12
Test report from National Supervision and Testing Center of Fishery Machinery and Instrumentt no 2009YW173 and 2010YW128	2010-03-23 and 2010-11-26
Test report from Wuhan Testing Center of Marine Life-saving Appliances, no. 2016202	2016-12-06

Tests carried out
Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70), part 1, including IMO Res. MSC.200(81), 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, dimensions and date of manufacture. The marking shall comply with the LSA Code (IMO Res. MSC 48(66)), item 1.2.2.9 and 2.2.1.10.