



EC TYPE EXAMINATION (MODULE B)
CERTIFICATE No. MED254920WS/002

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Life-Saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2020/1170.

<i>MED Item N°</i>	MED/1.4
<i>Description</i>	Life jackets
<i>Type</i>	CQYB/II-150N
<i>Applicant</i>	DONGTAI CITY XINGDUN MARINE EQUIPMENT CO., LTD. NO.6, MARINE EQUIPMENT INDUSTRIAL PARK, XINJIE TOWN 224234 Dongtai CHINA
<i>Testing standards</i>	IMO Res. MSC 81(70) as amended
<i>Reference standards</i>	SOLAS 74 Reg.III/7, SOLAS 74 Reg.III/22, SOLAS 74 Reg.III/34, IMO Res.MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) I, IMO Res.MSC.48(66)-(LSA Code) II, IMO Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1470.

Issued in SHANGHAI on
December 3, 2020

This Certificate is valid until
December 2, 2025

This Certificate consists of this sheet plus an attachment



zheng hu wen

Hai Wen Zhang
RINA Services S.p.A.





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Manufacturer

DONGTAI CITY XINGDUN MARINE EQUIPMENT CO., LTD.

Place of Manufacturer

NO.6 MARINE EQUIPMENT INDUSTRIAL PARK
224234 XINJIE TOWN
DONGTAI CITY
JIANGSU PROVINCE

Name & place of Authorised Representative

ANTONIO TRANI (FTTM SRL)
VIA DOMENICO CIMAROSA NO.37, NAPOLI, ITALY
ITALY

Main Characteristics

Inflatable lifejacket for adult (Type: CQYB/II-150N):

- Minimum Buoyancy: 150N;
- Number of Inflatable Chambers: 2;
- With the following main components:

Components	Type	Manufacturer
Inflatable Chamber Material	0.15mm TPU Film 210D Stick a Polyether + TPU (Double)	Dongguan Jintai Plastics Co. Ltd.
Lifejacket Cover Fabric	300D Elater 23×20 Polyester Fabric	Wuxi Name Wei Textile Co., Ltd
Inflation System	Automatic/Manual Inflation: 1/2"-20UNF automatic valve / 1/2"-20 manual valve	Shanghai Banner Machinery & Electric Equipment Co.,Ltd
	Oral Inflation: L150	Shanghai Banner Machinery & Electric Equipment Co.,Ltd
	CO2 Gas Cylinder 33g	Shanghai Banner Machinery & Electric Equipment Co.,Ltd
Buckle	ABS Materials	Shanghai Banner Machinery & Electric Equipment Co.,Ltd
Belt		Dongtai Welfare Fireworks Signal Factory
Lifejacket Light	JHYD-1	Dongtai City Jianghai Lifesaving & Fire-fighting Equipment Co.,Ltd.
Whistle	PVC Material	Dongtai Welfare Fireworks Signal Factory
Retro-reflective Tape Material	DM1101A	Zhejiang Daoming Optic & Chemical Co.,Ltd



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Application/Limitation of Use

The lifejacket is approved for use only by adult of weight more than 43 Kg and height more than 155 cm.

To fit person weighing up to 140 kg and with a chest girth of up to 1750 mm, suitable accessories shall be provided.

The lifejacket can be equipped with different position indicating lights and Retro-Reflective materials EC type approved in compliance with Directive 2014/90/EU as amended.

The design assessment is based on IMO Res. MSC.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 in accordance with IMO Res. MSC.81(70), Part 2 as amended.

Reference Documents

- Lifejacket Light Certificate (Ref No.: 95 220 - 14 HH), filled with RINA No.: SHFP-8377;
- Retro-Reflective Material Certificate (Ref No.: 75 291 -09 Lux), filled with RINA No.: SHFP-8376;
- Drawing of Inflatable Lifejacket, approved with RINA No.: SHFP-8385;
- Label, approved with RINA No.: SHFP-8387;
- Certificate of Conformity (CO2 Minitype Steel Bottle) (Ref No.: 2008-C272), filled with RINA No.: SHFP-8375;
- RTD Buoyancy Data Sheet, filled with RINA No.: SHFP-8378.
- Inflatable Lifejacket CQYB Serials Instructions for Use, filled with RINA No.: SHFP-8392;
- High-Frequency Heat Sealing Machine Work Instruction, filled with RINA No.: SHFP-8383;
- Technical Specification, approved with RINA No.: SHFP-8390.

Tests Carried Out

Tests carried out in accordance with Revised Recommendation on Testing of Life-Saving Appliances, IMO Res. MSC. 81(70), Part 1, including IMO Res. MSC 200(80), IMO Res. MSC 226(82) and IMO Res. MSC 323(89) as below:

- Inflatable Lifejacket Evaluation and Test Report (Continued, Coated Fabric Test) – 2014156, filled with RINA No.: SHFP-8423;
- Inflatable Lifejacket Evaluation and Test Report – 2014155, filled with RINA No.: SHFP-8425;
- Routine Test Report, filled with RINA No.: SHFP-16722.

Marking of Product

The product is to be indelibly marked with name of manufacturer, type designation and date of manufacture. The markings shall comply with the LSA Code (IMO Res. MSC.48(66)), item 1.2.2.9 and 2.2.1.6.

Note

Our review is based on Previous Certificate issued on 20 Nov 2015 (Ref No. MED214215WS/002). Renewal of the initial certificate, without modification, and reissued accordingly.



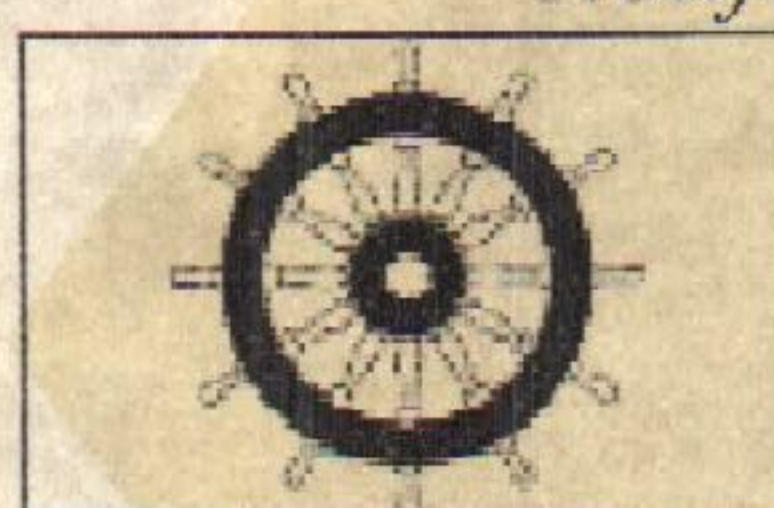
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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*
YYYY *The year in which the mark is affixed*

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



Zheng Hai Wen
Hai Wen Zhang

