

EC Type Examination (Module B) Certificate

This is to certify that:

LLOYD'S REGISTER Deutschland GmbH (LRD), designated as a "notified body" based on the notification of the Federal Maritime and Hydrographic Agency of Germany, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

| | |
|---|---|
| Manufacturer | LALIZAS HELLAS S.A. |
| Address | 3 Gounari Street, 18531, Piraeus, Greece |
| Reference | Regulation (EU) 2020/1170 |
| Regulation Item (No. & Item Designation) | MED/1.4 Lifejackets |
| Product Type | LIFEJACKETS |
| Product Description | Inherently buoyant Adult Lifejacket - Type: "72214- LALIZAS Compact Folding Lifejacket SOLAS LSA Code 2016" |
| Specified Standard | IMO Resolution MSC.81 (70) Part 1, as amended |
| Trade Name | 72214- LALIZAS Compact Folding Lifejacket SOLAS LSA Code 2016 |

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRD of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

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 and controlled by a written inspection agreement with a notified body.

Lloyd's Register Deutschland GmbH,
Überseeallee 10, D-20457 Hamburg,
Germany.
A member of the Lloyd's Register group

Lijo Thomas

Senior Surveyor
For and on behalf of Lloyd's Register
Deutschland GmbH (0525)

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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR21279499MB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

This Certificate is a Renewal of Certificate Number 0525-MED-DE-MED 1650169

Approval Documentation

Final Image, dated 22/03/2016

Final Dimensions, dated 22/03/2016

Marking Final

Test Reports

| <u>Report No.</u> | <u>Date</u> | <u>Title</u> |
|--------------------------|-----------------------------|--|
| 2016007 | 18/01/2016 to 11/03/2016 | Test Report for Adult Lifejacket Type: "72214 LALIZAS Compact Folding Lifejacket SOLAS LSA Code 2016 (With 72116 buckle" conducted at Wuhan Testing Centre Marine Life-Saving Appliances |
| 2006068 | 12.06.06 | Test Report for Webbing 40 mm of Lifejacket |
| 2009059 | 09.10.09 | Test Report for Foam Flotation Material (300 mm x 300 mm x 8 mm) |
| 2009057 | 29.09.09 | Test Report for foam flotation material (300 mm x 300 mm x 125 mm) |
| 2015001 | 06.02.15 | Test Report for side release buckle for 40 mm webbing in accordance with ISO 12402-7, conducted at Wuhan Testing Centre Marine Life-Saving Appliances |
| 2009041 | 02.09.09 | Test Report for lifejacket webbing 25 mm |
| 2015008 | 11.03.15 | Test report for Polyester Fabric conducted at Wuhan Testing Centre Marine Life-Saving Appliances |

Conditions of Certification

1. The measured buoyancy of the lifejacket is 14.74 Kgf.
2. The lifejacket has been appraised also against LSA Code as amended by Resolution MSC.368(93).
3. Instructions for use shall be provided with each lifejacket. As prescribed by SOLAS Regulation III/35 one or more additional copies shall be provided for inclusion in the vessel's Training Manual.
4. The lifejacket is approved only for use by adult within a weight and height range of 43 kg or more and 155 cm or more.

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5. Each lifejacket shall also be clearly marked with the information required by LSA Code as amended by Regulation I/1.2.2.9 and II/2.2.1.10.
6. As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturer's instructions.
7. An approved lifejacket light meeting the requirements of the LSA Code as amended by Regulation II/2.2.3 is to be fitted. The light is to be tested and meet the requirements of IMO Resolution MSC.81 (70), Part 1, 10.3 and 10.4 and the attachment is to be to the satisfaction of the attending Surveyors.
8. Each lifejacket shall be fitted with a whistle firmly secured by a lanyard as per LSA Code as amended by Regulation II/2.2.1.14.
9. Each lifejacket shall be provided with a releasable buoyant line or other means to secure it to a lifejacket worn by another person in the water as per LSA Code as amended by Regulation II/2.2.1.16.
10. A lifejacket shall be provided with a suitable means to allow a rescuer to lift the wearer from the water into a survival craft or rescue boat as per LSA Code as amended by Regulation II/2.2.1.17.
11. The storage of this equipment is not part of this Design Appraisal or Certificate. All such arrangement are to be to the satisfaction of the attending Surveyors on board.
12. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
13. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
14. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 and be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or witnessed by the Notified Body as required by the Product Verification (Module F) of the Marine Equipment Directive. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration.
15. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.
16. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained.
17. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned.

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Place of Production

Xiamen Marine Industries Co., Ltd.
No 100, Jinguan Road
Jimei Northern Industrial Area
Xiamen, Fujian, 361021
People's Republic of China



Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Deutschland
LRD EC Distinguishing No. 0525

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