



Marine & Offshore

Certificate number: 77493/A0 MED

File number: ---

Item number: MED/1.29

USCG Module B number: 160.117 / EC2690

This certificate is not valid when presented without the full attached schedule composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2023/1667 of 8 Aug. 2023

This certificate is issued to:

LALIZAS HELLAS S.A.

3, Gounari str., 18531, Piraeus,, GREECE

for the type of product

EMBARKATION LADDERS

EMBARKATION LADDER

"LEL" model

Requirements:

SOLAS 74 Convention as amended, Regulations III/4, III/11, III/34, X/3

IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93), MSC.425(98), MSC.459(101) and MSC.485(103) I,VI

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended

IMO Res. MSC.81(70) amended by MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89),

MSC.378(93), MSC.427(98), MSC.472(101) and MSC.488(103)

IMO MSC.1/Circ.1285 and IMO MSC.1/Circ.1630

ISO 5489:2008

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.


This certificate will expire on: 07 Jun 2029**For Bureau Veritas Marine & Offshore Notified Body 2690,**

At BV PIRAEUS, on 07 Jun 2024,

Spyros KONTOULIS

This certificate was created electronically and is valid without signature



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Trademark	LALIZAS
Type	LEL

- The Certificate cover a range of Embarkation ladder manufactured in accordance with the requirements contained in the ISO 5489:2008.
- Maximum length of Fully assembled ladder shall not exceed the fully assembled ladder of longest length tested (§3 Test Reports).

As indicated in the technical documentation submitted by the Applicant.

2. DOCUMENTS AND DRAWINGS :

- Drawings and specifications:

Number	Title	Revision	Date
N°1	LALIZAS EMBARKATION LADDERS (LEL) ISO 5489 DRAWINGS#BV	1	30/04/2024
N°1	LALIZAS EXTENSION SERVICE ROPE ISO 5489 DRAWINGS#BV	1	30/04/2024
N°1	BOM - LALIZAS EMBARKATION Ladders ISO 5489	1	30/04/2024
N°1	BOM - LALIZAS Embarkation ladder extension service rope	1	30/04/2024

- Manuals and markings:

Number	Title	Revision	Date
N°1	LALIZAS PILOT EMBARKATION LIBRARY MARKINGS & MANUALS	1	30/04/2024
---	Pilot Ladder ISO 799-1:2019 / ISO 799-2:2021 MED MAINTENANCE, USE, REPLACEMENT & INSPECTION RECORD BOOK	0	22/04/2024

No departure from these documents is permitted without the prior consent of the Society.

3. TEST REPORTS :

TYPE TESTS

Number	Title	Date
Lalizas Embarkation Ladder 002	Initial Type Test report	30/04/2024

** Tests performed by the manufacturer Notified Body and witnessed by a BUREAU VERITAS qualified surveyor.*

Fully assembled ladder of longest length tested:

Type	Number of Steps	Length in metres
EMBARKATION LADDER TD3m	91	30.00
EMBARKATION LADDER TD33cm*	91	30.00

** Test report "Lalizas Embarkation Ladder 002" dated 30/04/2024*

4. APPLICATION / LIMITATION :

- As per requirements stated on front page of this certificate.
- Each product is to be supplied with its instructions for use, inspections and on-board maintenance complying with requirements stated on the front page of this certificate.
- This certificate does not prejudice of any requirements additional to those stated on the front page that may be required by National Maritime Authorities for equipment to be fitted on board ships entitled to fly its flag.
- Maximum length of Fully assembled ladder shall not exceed the fully assembled ladder of longest length tested (§3 Test Reports).
- Where a manufacturer allows replacement steps to be fitted, the manufacturer shall supply instructions for fitting replacement steps and/or spreader step.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

Each Embarkation Ladder intended to be fitted onboard a ship registered to a National register adhering to the Directive shall be delivered with a Declaration of Conformity.

5.2 - For information concerning the production phase modules, **LALIZAS HELLAS S.A.** has declared the following manufacturing site:

LALIZAS HELLAS S.A.

15, 28th October Str., St. Ioannis Rentis,
18233 Athens, Greece

6. MARKING OF PRODUCT :

The bottom of at least two steps of the ladder shall be marked with:

- the name and address of the manufacturer,
- the manufacturer's model designation,
- "ISO 5489" and "SOLAS"
- the year of assembly or reassembly of the ladder,
- identification of the approving maritime safety administration, along with any approval indications required by that administration.
- Reference is made to MED 2014/90/EU chapter 2. In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

The bottom of each replacement step shall be marked with

- the name and address of the manufacturer,
- the manufacturer's model designation,
- the words "REPLACEMENT STEP ONLY",
- "ISO 5489" and "SOLAS",
- the year of production of the step,
- identification of the approving maritime safety administration, along with any approval indications required by that administration.

In pursuance of the EU/US MRA+, and in accordance with the Council Decision 2004/425/EC of 21 April 2004 amended by Decision 1/2023 of 26 May 2023, the product(s) marked as per MED 2014/90/EU may be marked with the USCG conformity marking as authorized by the Notified Body undertaking surveillance module.

7. OTHERS :

It is **LALIZAS HELLAS S.A.** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

*** END OF CERTIFICATE ***