



# DET NORSKE VERITAS

## EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8768**

This is to certify that the  
**Embarkation ladders**

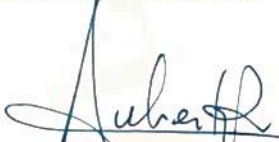
with type designation(s)  
**Embarkation ladder, ELP ARD 001 - max. 86 steps**

Issued to  
**ARDUINO SRL**  
**GENOVA GE, Italy**

is found to comply with the requirements in the following Regulations/Standards:  
**Annex A.1, item No. A.1/1.29 and Annex B, Module B in the directive. SOLAS 74 as amended, Reg. III/4, III/11, III/34 & X/3, LSA code and 2000 HSC code 8.**

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

Høvik, 2014-03-14  
for Det Norske Veritas AS

  
Marianne Strand Valdertaug  
Head of Department



Notified Body No.: **0575**

DNV local office:  
**Genoa**

This Certificate is valid until  
**2019-02-25**



  
Tessa Biever  
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.

*JEGA*



Certificate No.: MED-B-8768  
Item No.: A.1/1.29  
Job Id.: 344.1-003651-1

## Product description

Embarkation Ladder made of mildew-resistant manila or sisal rope meeting requirements of ISO 1181:1990, Quality 1.

Steps: max. 86 steps

Length: max. 30,10m

## Application/Limitation

This examination does only consider the embarkation ladder and not the installation arrangement. Installation to be approved on board.

Handholds shall be provided to ensure a safe passage to and from the ladder.

Maximum length of the ladder shall be 30,10m.

Each rope shall be continuous, with no joints below the top step.

The side rope seizing to have minimum breaking strength of 800 N.

Each ferrous metal part shall be coated in accordance with ISO1461 (ISO 5489:2008 Ch.3.3.2).

## Type Examination documentation

Basis for approval:

|  |            |
|--|------------|
| Application form   | 2012-08-23 |
| Drawing no. ARD ELP 001/3 Rev.3 – Embarkation Ladder, incl. technical data sheet stamped "Type examined" | 2014-01-27 |
| Prototype test report GEN-12-1173-2 Rev. 1, witnessed by DNV   | 2014-02-07 |
| Surveyor's checklist   | 2014-01-21 |

## Tests carried out

Tests are documented in accordance with recommendation on testing of embarkation ladder in ISO 5489: 2008 .

## Marking of product

The product is to be indelibly marked with name of manufacture, type designation, dimensions and date of manufacture, according to ISO 5489: 2008 Ch. 7.

## Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a of Certificate Conformity.

