

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Embarkation ladders

with type designation(s)
Embarkation ladder 10-182 step

Issued to

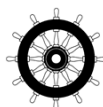
Yancheng Shen Li Rope Making Co., Ltd.
Yancheng Jiangsu, China

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, 2015-12-22
for **DNV GL AS**



This Certificate is valid until
2020-12-10

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Nantong

Piotr Orzechowski
Surveyor

Job Id: **344.1-002684-12**
Certificate No: **MEDB00000FE**

Product description

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

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.

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:

Drawings (as applicable)	2010-08-26
Prototype test report	2010-10-20

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 manufacturer, type designation, dimensions and date of manufacture, according to LSA Code Ch. 1.2.2.9 and ISO 5489:2008 Chapter 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 E: The quality system for inspection 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 Certificate of Conformity.