

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Pilot ladder

with type designation(s)
ZIPA-PL

Issued to

ZIPA Marine Wholesale Limited
Haimen, Jiangsu, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397**,
item No. MED/4.49. SOLAS 74 as amended, Regulations V/23 & X/3, IMO Res. A.1045(27),
IMO MSC/Circ.1428

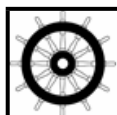
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-11-03**.

Issued at **Hamburg** on **2019-11-04**

DNV GL local station:
Nantong

Approval Engineer:
Stefan Heuer



Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
Head of Notified Body

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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-009796-1**
Certificate No: **MEDB00005X1**

Product description

Pilot ladder with side ropes made of mildew-resistant manila or sisal rope meeting ISO1181:1990, Quality 1.
Steps: 18 - 54 steps
Length: Max. 18 Meters

Application/Limitation

- This examination has only considered the pilot ladder and not the installation arrangement.
- The installation to be approved on board.
- Handholds shall be provided in order to ensure a safe passage to and from the pilot ladder.
- The maximum length of the pilot ladder shall be 18.00 meters.
- Each rope shall be continuous with no joints below the top step.
- The design assessment is based on IMO Res.A.1045(27) and ISO 799-2004.
- Each ladder shall be subjected to the ladder and step attachment strength test as per table 2 of ISO 799-2004 at intervals of 30 month.

Type Examination documentation

Tests carried out

Tests are documented in accordance with recommendations on testing of pilot ladder in ISO799-2004, Ch.5.

Prototype test report No. S630-RT-2017 dated 2017.11.20.

Marking of product

The product is to be indelibly marked in accordance with ISO799-2004, Ch.7.

The mark of conformity shall include DNVGL SE Notified Body number (0098) and the production year.

End of Certificate