



**EC TYPE EXAMINATION (MODULE B)
CERTIFICATE No. MED116620X1**

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Navigation Equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2020/1170.

MED Item N°

MED/4.49

Description

Pilot ladder

Type

SEALION

Applicant

Seacon Solutions Pte Ltd

246 Geylang Road #04-01

Singapore 389305

SINGAPORE

Testing standards

IMO Res.A.1045(27), as amended; ISO 799-1:2019.

Reference standards

SOLAS Reg.V/23, as amended; IMO Res.A.1045(27), IMO MSC/Circ.1428

Issued in SHANGHAI on
January 25, 2021

This Certificate is valid until
January 24, 2026

This Certificate consists of this sheet plus an attachment


Hai Wen Zhang

RINA Services S.p.A.





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Manufacturer

Seacon Solutions Pte Ltd

Place of Manufacturer

No. 40
Gul Crescent
629540 Singapore
SINGAPORE

Name & place of Authorised Representative

Jan Tosti
Mejlbyvej 687, 8530 Hjortshoj, Denmark

TECHNICAL DATA

- The pilot ladder is assembled with two side ropes on each side continuous from the top of the ladder to the bottom (Manila rope).
- Each step is supported by each side rope.
- Steps:
 - The four lowest steps are made of rubber material. LXBXH (525X115X60 mm).
 - The remaining steps except spreader steps are made of hard wood. LXBXH (525X115X28 mm).
 - The spreader steps are made of hard wood. LXBXH (1800X115X28 mm).
- Each side rope has a breaking strength of at least 2500 kgf.
- Reference is to be made to approved drawing SHST- 34236/39644-39647 and relevant test report.

REFERENCE DOCUMENTS

Dwg. no.	Title
SHST-34236	MED PILOT LADDER 18M SCS-PFM-18-001
SHST-39644/39646/39647	FALTSTEP/RUBBER STEP/SPREADER

TESTS CARRIED OUT

Tests have been carried out on 08/January/2020



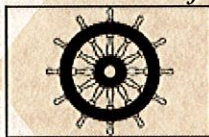
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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

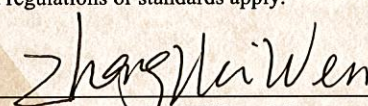
"WHEELMARK FORMAT"

XXXX Notified Body number undertaking surveillance module

YYYY The year in which the mark is affixed

General conditions for the approval

- The initial conditions verified by RINA at the time of the approval are to be maintained
- Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- RINA personnel are to be allowed to witness during the performances of activities, upon their request
- The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reappraised prior to it being placed on board vessels to which the amended regulations or standards apply.


Hai Wen Zhang

