Certificate no.:
TAS00004W8

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Gangway

with type designation(s)
2 - 20m Shore Gangway designs

issued to
Jiangsu Newland Ship Equipment Co., Ltd.
Jiangyan, **China**

is found to comply with
ISO 7061:2024 – Ships and marine technology – Aluminium shore gangways for seagoing vessels

Application:

See next page.

Issued at **Høvik** on **2025-10-22**
This Certificate is valid until **2030-10-21**.
DNV local unit: **Nantong**

for **DNV**

Approval Engineer: **Axel Janson**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Type A and B gangways of various lengths, including Type A gangways with pinned connections.

Gangway lengths - Type A Gangway: 2m, 3m, 3m (wharf ladder), 4m, 5m, 6m, 8m, 10m, 12m, 15m, 18m, 20m
Gangway lengths - Type B Gangway: 4m, 5m, 6m, 8m,10m, 12m, 15m,18m, 20m

Application/Limitation

Parameter	Value	Equivalent
Nominal gangway width:	600 mm	23,6 in
Max. live load - Type A Gangways:	4 000 N/m^2	372 N/ft^2
Max. live load - Type B Gangways:	75 kg / step	735 N / step
Min./Max. inclination - Type A Gangways:	0 - 30°	
Min./Max. inclination - Type B Gangways:	12 - 55°	

- All interface surfaces between aluminium and steel shall be properly isolated to prevent corrosion
- All materials shall be delivered with 3.1 material certificates per EN-10204, or equivalent
- All welding to be carried out by qualified welders and according to procedures accepted by DNV surveyor
- Various components transferring the load like links, shackles, wire etc. shall be made according to recognized standards and be delivered with relevant certificates.
- The connection to the ship structure shall be separately approved as part of the hull structure.

Type Approval documentation

Testing

Design verification tests according to ISO 7061 (2015) was carried out on 2025.09.23 / 2025.10.15 and witnessed by DNV Nantong Station.

Each gangway delivery shall undergo the testing procedures specified in ISO 7061 §9.3.

For on board testing, reference is made to IMO circular MSC.1/Circ.1331 – IMO “Guidelines for Construction, Installation, Maintenance and Inspection of means of Embarkation and Disembarkation”.

Marking of product

The gangways are to be marked as per ISO 7061 §11.

Certification

This Type Approval covers design only. The Type Approval is not valid for the final product but may be used as basis for obtaining a DNV Product Certificate. If a DNV Product Certificate is required, the following shall apply:

- Manufacturing survey shall be performed by a DNV Surveyor
- Testing of each gangway shall be witnessed by a DNV surveyor

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.

This certificate is only valid if periodical assessments are performed with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnv.com

END OF CERTIFICATE