

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gangway

with type designation(s)
Shore Gangways Type A & B, 2m - 15m (see page 2)

Issued to
MTQ Products B.V.
Dordrecht, Zuid-Holland, Netherlands

is found to comply with
ISO 7061:2015(E) – Ships and marine technology – Aluminium shore gangways for seagoing vessels

Application :

Ship to shore gangway for means of embarkation and disembarkation according to IMO Res. MSC.256 (84) reg. 3-9, SOLAS Reg.II-1/3-9 and MSC.1/Circ.1331

Issued at **Høvik** on **2023-03-21**

This Certificate is valid until **2028-03-20**.

DNV local unit: **Netherlands VMC**

for **DNV**

Approval Engineer: **Mats Asvald Innstø**

Per Esvall
Head of Section

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 300,000 USD.



Product description

Ship to shore gangways:

Gangway Type A (SAGA):

- Length: 2.0m u.i. 9.0m
- Length: 9.0m u.i. 15.0m

Gangway Type B (STEGA):

- Length: 2.0m u.i. 9.0m
- Length: 9.0m u.i. 14.0m

Application/Limitation

- This certificate is a verification of the design towards the listed rules/requirements. The assessment does not waive requirements for certification of the equipment when necessary.
- Connection and support to the ship's deck structure is assumed covered by separate approval.
- The connection between aluminium and steel must be properly insulated to prevent galvanic corrosion.
- The various components transferring the load like links, shackles, wire etc. shall be made according to recognized standards and be delivered with relevant certificates for grade of material and testing.
- If a DNV product certificate is required to be obtained, the following will apply:
 - All materials shall be delivered with material certificates equal to minimum EN-10204:2005 3.1.
 - All welding is to be carried out by qualified welders. Reference is given to DNV standard DNV-ST-0378.
 - Individual test is to be performed according to ISO 7061:2015 (E) 9 Acceptance tests witnessed by a DNV surveyor.

Type Approval documentation

<u>Drawing No.</u>	<u>Rev</u>	<u>Title</u>
22025-00S0	B	7061 Bridges Type A and B
22025-09A00	B	9M BRIDGE ASSEMBLY (Type A)
22025-09B00	B	9M BRIDGE ASSEMBLY (Type B)
22025-14B00	B	14M BRIDGE ASSEMBLY (Type B)
22025-15A00	B	15M BRIDGE ASSEMBLY (Type A)
XAL6178	01	C-300 profile
XAL7272	01	C-230 profile

Testing

Type testing for gangways performed in accordance with ISO 7061:2015(E) requirements as witnessed by DNV in stamped report dated 2023-02-21.

Individual test of produced gangways is to be performed according to ISO 7061:2015 (E) 9 Acceptance tests.

Marking of product

Each gangway shall be marked according to ISO 7061:2015(E) 11 Marking and MSC.1/Circ.1331 §3.5 Marking.

The aluminum gangways are to be marked with the manufacturer's name or trademark and type number identification and reference to TA-certificate number.

Periodical assessment

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

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.

END OF CERTIFICATE