

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Gangway**

with type designation(s)
2m, 3m, 4m, 5m, 6m, 7m, 8m, 9m, 10m, 11m Gangway

Issued to

Lemvig Maskin & Køleteknik ApS
Lemvig, Midtjylland, Denmark

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

Application :

Aluminium shore gangways for seagoing vessels

Issued at **Høvik** on **2019-04-08**

This Certificate is valid until **2024-04-07**.

DNV GL local station: **Aalborg**

for **DNV GL**

Approval Engineer: **Xiao Long Eric Song**

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Aldo Matteucci
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.



Product description

Aluminium shore gangway with length from 2m to 12 m.

Application/Limitation

- This certificate(design assessment) 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.
- If a DNV GL 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 GL standard DNVGL-ST-0378.
 - Individual test is to be performed according to ISO 7061:2015 (E) 9 Acceptance tests witnessed by a DNV GL surveyor.
- The gangways are found not in line with the following paragraph of ISO 7061:2015(E):
 - 7.16.2: Anodic oxidation treatment on surface of aluminium parts is missingThe gangways might be DNVGL product certified according to ISO 7061 & DNVGL-ST-0378 with above mentioned exception if the customer is informed about and agrees to the non-compliance.

Type Approval documentation

Drawing No:	Rev.	Title
GA-851290-625	11-02-2019	9 m. gangway
GA-851280-625	11-02-2019	8 m. gangway
GA-851270-625	11-02-2019	7 m. gangway
GA-851260-625	11-02-2019	6 m. gangway
GA-851250-625	11-02-2019	5 m. gangway
GA-851240-625	11-02-2019	4 m. gangway
GA-851230-625	11-02-2019	3 m. gangway
GA-851220-625	11-02-2019	2 m. gangway
GA-851212-625	12-02-2019	12 m. gangway
GA-851211-625	12-02-2019	11 m. gangway
GA-851210-625	12-02-2019	10 m. gangway
8521225-00	2009-10-23	Smaling af scepter for landgang
GA-8520225-00_01		Stanchions for Gangway
8520210_01		Socket for Stanchion
1218		Calculation Report_RevC
8520210_01		Socket for Stanchion
8510020		Stringer-profile for gangways 0-30 Deg.
DETAIL - 851050 - NYLON WHEELS	3	DETAIL FOR WHEELS ON GANGWAY 0° TO 30°

Tests carried out

Type testing according to ISO7061:1993(E) has been carried out on 2014-07-10 and witnessed by DNV Aalborg.

Marking of product

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



Job Id: **262.1-016330-2**
Certificate No: **TAS00001W5**

Periodical assessment

For retention of the Type Approval, a DNV GL 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 DNVGL-CP-0338.

END OF CERTIFICATE