DNV·GL

Certificate No:
TAS00001R1

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gangway

with type designation(s)
Type 70, 2-4m. R1, Type 71, 3-6m. R1, Type 71, 5m, R2, Type 71, 6m. R2, Type 72 ,6,5-8m. R1, Type 72, 7m. R2, Type 72, 8m. R2, Type 73, 8,5-10m. R1, Type 73, 9m. R2, Type 73, 10m. R2, Type 74, 11-12m. R1, Type 74, 11m. R2, Type 74, 12m. R2

Issued to
Gurskøy AS
GURSKØY, Norway

is found to comply with
ISO 7061:2015(E) – Ships and marine technology – Aluminium shore gangways for seagoing vessels
DNV GL standard DNVGL-ST-0378 – Standard for offshore and platform lifting appliances

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Høvik** on **2018-10-19**
This Certificate is valid until **2023-10-18**.
DNV GL local station: **Ulsteinvik**

Approval Engineer: **Chi Wan Bang**

for **DNV GL**

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.

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Job Id: **262.1-015405-3**
Certificate No: **TAS00001R1**

Product description

Type Designation from Gurskøy AS	Dimensions	Railling type*	Types by ISO 7061**
Gangway Type 70, 2-4m. R1	2-4m	R1	Type A decking gangway
Gangway Type 71, 3-6m. R1	3-6m	R1	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 71, 5m, R2	5m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 71, 6m. R2	6m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway type 72 ,6,5-8m. R1	6,5-8m	R1	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 72, 7m. R2	7m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 72, 8m. R2	8m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 73, 8,5-10m. R1	8,5-10m	R1	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 73, 9m. R2	9m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 73, 10m. R2	10m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 74, 11-12m. R1	11-12m	R1	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 74, 11m. R2	11m	R2	Type A decking gangway / Type B anti-slip arc steps gangway
Gangway Type 74, 12m. R2	12m	R2	Type A decking gangway / Type B anti-slip arc steps gangway

*Raillings
- R1: rope raillings with removable stanchions
- R2: foldable railings of aluminium

**maximum inclination degree for each type confirmed by the manufacturer as follows:
- Type A: 30 degrees
- Type B: 50 degrees

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 optained, 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.
- Non-compliance ISO 7061: The gangways are not found in line with the following paragraph of ISO 7061:2015(E):
  - 5: Wider width of the gangways than the required (600mm)
  - 7.16.2: Anodic oxidation treatment on surface of aluminium parts is missing

  The 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

Tests carried out

Type test has been carried out according to requirements in ISO7061:1993(E) with satisfactory result. Reference Is made to survey report no 54111443, 54112849-1, 54112849-2, 54112849-3 and 54112849-4.

Marking of product

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

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