

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gangway

with type designation(s)
GANGWAY 3m - 6.5m

Issued to

Ucalso Industrial Vigo S.L.
Vigo, Pontevedra, Spain

is found to comply with
DNV GL standard DNVGL-ST-0358 – Certification of offshore gangways for personnel transfer

Application :

Type 4 Ship-to-shore Aluminium gangway designed for load according to ISO 7061:2015(E)

Issued at **Høvik** on **2019-12-12**

for **DNV GL**

This Certificate is valid until **2024-12-11**.

DNV GL local station: **NB/CMC Team West**

Approval Engineer: **Mats Asvald Innstø**

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

Gangway 3m-6.5m, designed to withstand a load equal to 4000 N/m² according to ISO 7061:2015(E)

Gangway type definitions:

- Type 4 "Ship-to-shore" according DNVGL-ST-0358
- Type A according ISO 7061:2015(E)

Application/Limitation

- If a DNV GL product certificate is required, all materials shall be delivered with material certificates equal to minimum EN-10204:2005 3.1.
- All surfaces that are not recognised as inherently resistant to the actual marine environment shall be adequately protected against corrosion.
- All materials used for structural parts (profiles/pipes) shall be anodized.
- The gangway does not fully conform to DNV GL's understanding of ISO 7061:2015(E) 7.16.2. requirements on anodic oxidation.

Type Approval documentation

<u>Document id.</u>	<u>Revision</u>	<u>Title</u>
gang-ISO7061-3-6.5/1	1	GANGWAY TYPE "A" ISO 7061, 3m - 6.5m

Testing

The gangway is type tested in accordance to ISO 7061:2015 (E) documented in survey report form 40.9a , signed by DNV GL 2019-07-19.

If a DNV GL product certificate is required, each gangway shall be subject to testing according to ISO 7061:2015(E) 9.2.

Marking of product

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

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