DNV·GL

Certificate No:
TAS000013H

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gangway

with type designation(s)
GA - Lx0.6, GOB - LxB

Issued to
Tyne Gangway (Structures) Ltd.
Wallsend Tyne and Wear, United Kingdom

is found to comply with
GL Rules for Classification and Construction VI - Additional Rules and Guidelines Part 2 - Loading Gear Chapter 4 - Guidelines for the Construction and Testing of Accesses to Ships
DNV GL standard DNVGL-ST-0377 – Standard for shipboard lifting appliances

Application :

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

Issued at **Hamburg** on **2017-07-10**
This Certificate is valid until **2022-07-09**.
DNV GL local station: **Newcastle-upon-Tyne**

Approval Engineer: **Stefan Heuer**

for **DNV GL**

Jörg Kallies
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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Product description

- Gangways type GA (Gangway type A) up to 27m x 0.6m
- Gangways type GOB (Gangway Overhead Braced) up to 30m x up to 1.64m

Application/Limitation

Gangways type GA
- SWL 4 kN/m²
- Inclination ≤ 30° ("Shala" tread)
- Inclination ≤ 50° ("Sala" tread)
- Length [L] max. 27m; Width [B] = 0.6m
- *Example type description for L=5m, B=0.6m: GA – 5x0.6*

Gangways type GOB
- SWL 2.5 kN/m²
- Inclination ≤ 14° (anti slip deck)
- Inclination ≤ 30° ("Shala" tread)
- Inclination ≤ 50° ("Sala" tread)
- Length [L] max. 30m; Width [B] max. 1.64m
- *Example type description for L=27m, B=1.5m: GOB – 27x1.5*

Product certification
To obtain DNV GL Product Certificates, each gangway shall be subject to:
- DNV GL manufacturing survey
- Static load tested with LPstat = 1.25 x SWL

Type Approval documentation

Drawing No.	*Rev. No.*	*Title*	*Approval Ref.-No.*
G30-15 sht 01	2	TYPE A GANGWAYS UPTO 6M	15-009197
G30-15 sht 02	4	TYPE A GANGWAYS UPTO 9M	MCADE453-P261.1C-41
G30-15 sht 03	2	TYPE A GANGWAYS UPTO 12M	15-009197
G30-15 sht 04	2	TYPE A GANGWAYS UPTO 13M	15-009197
G30-15 sht 05	2	TYPE A GANGWAYS UPTO 14.5M	15-009197
G30-15 sht 06	2	TYPE A GANGWAYS UPTO 17.5M	15-009197
G30-15 sht 07	2	TYPE A GANGWAYS UPTO 21M	15-009197
G30-15 sht 08	2	TYPE A GANGWAYS UPTO 25.5M	15-009197
G30-15 sht 09	2	TYPE A GANGWAYS UPTO 27M	15-009197
G30-15 sht 11	1	SHORE GANGWAY STANCHION	15-009197
G30-15 sht 12	1	ALTERNATE STANCHION	MCADE453-P261.1C-41
G30-15 sht 13	1	TRIPLOCK HOOK BRACKETS OPTION 1	MCADE453-P261.1C-41
G30-15 sht 14	1	TRIPLOCK HOOK BRACKETS OPTION 2	MCADE453-P261.1C-41
G30-15 sht 15	1	TRIPLOCK HOOK BRACKETS OPTION 3	MCADE453-P261.1C-41
TGEX1	-	6M &12M SHALA PROFILES	15-009197
TGEX2	-	6M &12M SHALA PROFILES	15-009197
TGEX3	-	6M &12M SHALA PROFILES	15-009197
D004-15 sht 1	2	30M OVERHEAD BRACED GANGWAY	15-009197

Marking of product

Each gangway shall be marked (at both ends) by the manufacturer with at least:

- manufacturer´s name or trademark
- serial number
- year of construction
- design load (SWL)
- self weight (WT)
- max. and min. operating angle

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform a periodical assessment after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE