



Certificate No:
TAS000031C

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Lifting Frames

Issued to

VG Offshore Containers International (M) Sdn Bhd
Pelabuhan Klang, Selangor, Malaysia

is found to comply with

DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, January 2021
ISO 10855:2018 Offshore containers and associated liftings sets – Design, manufacture, testing, inspection and marking
IMO/MSC Circular 860

Application :

Max. gross mass (kg) 4500
Max. payload (kg) 4500 - Tare
Max. sling leg angle 30
Enhancement factor 2.067

Issued at **Aberdeen** on **2021-05-07**

This Certificate is valid until **2026-05-06** .

for **DNV**

DNV local unit: **Kuala Lumpur**

Approval Engineer: **Yann Emeriau**

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Brendan Ward
Delivery Lead - Offshore Containers

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.



Form code: TA 281

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Product description

Length (mm)	2000-2500	2501-3000	3001-3500	3501-4000	2000-2500	2501-3000	3001-3500	3501-4000
Width (mm)	1500-2000							
Height (mm)	1800-2300				2301-2600			
Tare mass* (kg)	1400	1500	1600	1700	1450	1550	1650	1750

Length (mm)	2000-2500	2501-3000	3001-3500	3501-4000	2000-2500	2501-3000	3001-3500	3501-4000
Width (mm)	2001-2500							
Height (mm)	1800-2300				2301-2600			
Tare mass* (kg)	1550	1650	1750	1850	1600	1700	1800	1900

*) Tare mass is to be confirmed by weighing. The sum of payload and tare shall never exceed the maximum gross mass stated on the front page of this certificate.

Application/Limitation

Design temperature : -20 °C
Minimum shackle pin diameter : 22.0 mm

The DNV surveyor shall witness all important production and testing events and issue a certificate for each container. The certificate is only valid when the container is fitted with a DNVGL-ST-E271 certified lifting set.

Type Approval documentation

Tests carried out

Prototype unit No. VG 5800 tested in accordance with DNVGL-ST-E271.

Marking of product

Each container to be marked in accordance with DNV requirements, including:

- Data and inspection plates
- DNV emblem for offshore containers
- VL mark to be hard stamped on the data plate
- Manufacturer's Serial Number to be welded on frame.
- The removable beams to be marked with words to the effect of "removable bema shall be fitted during all lifting and transportation activities".

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNVGL-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE