



Certificate No:
TAS00003TB

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Lifting frame

Issued to

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

is found to comply with

DNV standard DNV-ST-E271 – 2.7-1 Offshore containers, January 2021 (Amended October 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) 5500
Max. payload (kg) 5500 - Tare
Max. sling leg angle 30
Enhancement factor 1.873

Issued at **Aberdeen** on **2023-02-27**

This Certificate is valid until **2028-02-26** .

for **DNV**

DNV local unit: **Kuala Lumpur**

Approval Engineer: **Elisabeth Legg**

Satya Shyamala Kuppli
Team Lead - 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

Revision: 2022-12

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Product description

Length (mm)	1000-1250	1251-1500	1000-1250	1251-1500	1000-1250	1251-1500	1000-1250	1251-1500
Width (mm)	1000-1250				1251-1500			
Height (mm)	1800-2200		2201-2600		1800-2200		2201-2600	
Tare mass* (kg)	625	675	650	700	675	725	700	750

*) 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 DNV-ST-E271 certified lifting set.

A 30° tilt test may be required for these units, particularly those with the smallest base sizes. The need for this test shall be identified and agreed at the start of each project with the attending DNV surveyor. The tilt test shall be conducted with the container in empty state and the container filled with cargo, the method in which the container is loaded shall be representative of the true center of gravity for that specific size of container. The 30° tilt test shall be carried out in the presence of the DNV surveyor

Type Approval documentation

Tests carried out

Prototype tested in accordance with DNV-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
- NV mark to be hard stamped on the data plate
- Manufacturer's Serial Number to be welded on frame.
- The removable beams shall be marked with the unit's serial number.
- The frame shall be stencilled with words to the effect of "removable beams 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 DNV-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>