



Certificate no.:
TAS00004CA

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, March 2023
ISO 10855-1:2018 Offshore containers and associated liftings sets – Part 1: Design, manufacture and marking of offshore containers
IMO/MSC Circular 860

Application:

Max. gross mass (kg)	6000
Max. payload (kg)	6000-Tare*
Max. sling leg angle	30
Enhancement factor	1.767

Issued at **Aberdeen** on **2024-07-02**

This Certificate is valid until **2029-07-01**.

DNV local unit: **Kuala Lumpur**

for **DNV**

Approval Engineer: **Elisabeth Legg**

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: 2023-09

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Product description

Tare mass*		Height: 2000 to 2500 mm		
		Length		
		2500 to 3000 mm	3001 to 3500 mm	3501 to 4000 mm
Width	1500 to 1833 mm	1300 kg	1450 kg	1600 kg
	1834 to 2166 mm	1450 kg	1600 kg	1750 kg
	2167 to 2500 mm	1600 kg	1750 kg	1900 kg
		Height: 2501 to 3000 mm		
		Length		
		2500 to 3000 mm	3001 to 3500 mm	3501 to 4000 mm
Width	1500 to 1833 mm	1350 kg	1500 kg	1650 kg
	1834 to 2166 mm	1500 kg	1650 kg	1800 kg
	2167 to 2500 mm	1650 kg	1800 kg	1950 kg

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

Application/Limitation

Design temperature : -20 °C
Minimum shackle bolt 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.

Type Approval documentation

Tests carried out

Prototype tested in accordance with the requirements.

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

Periodical assessment

In order to maintain the validity of this type approval certificate, periodical assessments should be carried out in accordance with 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>