DNV·GL

Certificate No:
TAS00002CW

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 GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
ISO 10855:2018 Offshore containers and associated liftings sets – Design, manufacture, testing, inspection and marking
IMO/MSC Circular 860

Application :

Max. gross mass (kg)	**1500**
Max. payload (kg)	**1500-Tare***
Max. sling leg angle	**30**
Enhancement factor	**N/A**

Issued at **Aberdeen** on **2020-01-14**
This Certificate is valid until **2025-01-13** .
DNV GL local unit: **Kuala Lumpur**

Approval Engineer: **Jack Moffatt**

for **DNV GL**

Elisabeth Legg
Principal Engineer

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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Job Id: **262.1-033024-1**
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Product description

Length (mm)	1000-2200	1000-2200	1000-2200	1000-2200	1100-1200	1201-2200
Width (mm)	900	1000	1100	1200-1500	1200-1500	1200-1500
Height (mm)	1500-1550	1500-1700	1500-1900	1500-1700	1701-1900	1701-2000
Tare mass* (kg)	370-475	390-495	410-515	425-530	450	460-580

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

Application/Limitation

Design temperature : -20 °C
Minimum shackle pin diameter : 18.9 mm

The DNV GL 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 VG5598 tested in accordance with the DNVGL-ST-E271.

Marking of product

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

- Data and inspection plates
- DNV GL emblem for offshore containers
- VL 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 the type approval certificate, periodical assessments should be carried out in accordance with 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