DNV·GL

Certificate No:
TAS00002GU

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Logging Workshop Frame

Issued to
Yangzhou Tonglee Reefer Container Co., Ltd.
Yangzhou City, China

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)	**11000**
Max. payload (kg)	**2500**
Max. sling leg angle	**45**
Enhancement factor	**1.456**

Issued at **Aberdeen** on **2020-04-17**
This Certificate is valid until **2025-04-16** .
DNV GL local unit: **Shanghai**

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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Product description

Maximum external dimensions (LxWxH) : 4020 x 2300 x 2700 mm
Tare mass* : 8500 kg

*) Tare mass is to be confirmed by weighing and it shall never exceed the maximum gross mass stated on the front pages of this certificate.

Application/Limitation

Design temperature : -20 °C
Minimum shackle pin diameter : 34.0 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 no. R 2644 tested in accordance with DNVGL-ST-E271.

Marking of product

Each container to be marked with 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 frame
- Manufacturer’s Serial Number to be welded on frame
- Removable top frame to be marked with unit's serial number. Main frame to be stencilled with words to the effect of "removable top frame to 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