

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
20'x8'x8'6" Dry Cargo Container

Issued to

Jiangmen Hongyi Offshore Equipment Co., Ltd
Jiangmen 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) 14000**
Max. payload (kg) 10000
Max. sling leg angle 45
Enhancement factor 1.324Issued at **Aberdeen** on **2020-08-20**This Certificate is valid until **2025-08-18** .DNV GL local unit: **Shanghai**for **DNV GL**Approval Engineer: **Alex Doig**

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.



Job Id: **262.1-034323-1**
Certificate No: **TAS00002MN**

Manufactured by

Manufacturer Name	Location	DNV GL Local Office	DNV GL CIM Number
		Shanghai	10666555
		Shanghai	TBC*

*) The type approval will not become valid for this manufacturer before they have built and tested a prototype.

Responsibility

Jiangmen Hongyi Offshore Equipment Company Limited takes full responsibility that both the design and production are in compliance with the Rules, Standards and / or Regulations listed on page 1.

Product description

Maximum external dimensions (LxWxH) : 6058 x 2438 x 2591 mm
Tare mass** : 4000 kg

**) 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 pages of this certificate.

Application/Limitation

Design temperature : -20 °C
Minimum shackle pin diameter : 31.6 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.

It is noted that this container can be classed as an ISO freight container in accordance with the International Convention for Safe Containers, CSC, 2014 edition. If this frame is to be used as a freight container, and transported as such in international water, it should be approved and certified accordingly by an authorised approval authority.



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Type Approval documentation

Tests carried out

Prototype no. SALU201167 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

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