

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**

with type designation(s)
20ft Offshore skid 14189

Issued to

Al Shirawi Equipment Company L.L.C
DUBAI, United Arab Emirates

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
International Convention for Safe Containers, 1972 (CSC)
ISO 1496, Part 5: Platform and Platform-Based Containers

Application :

Max. gross mass (kg) 25000
Max. payload (kg) 0
Max. sling leg angle 45
Enhancement factor 1.104

Issued at **Aberdeen** on **2020-03-17**

This Certificate is valid until **2025-03-16** .

for **DNV GL**

DNV GL local unit: **Abu Dhabi**

Approval Engineer: **Elisabeth Legg**

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Satya Shyamala Kuppili
Delivery 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.



Job Id: **262.1-020293-2**
Certificate No: **TAS00002FM**

Product description

This type approval replaces TAS000005B.

20' ISO/CSC container and offshore container	
ISO designation	: 1CCC
Size code	: 25
Type code	: P1
Maximum external dimensions (LxWxH)	: 6058 x 2438 x 2896 mm
Stacking test load per corner	: 96000 kg
Allowable stacking weight for 1.8g	: 213360 kg
Tare mass	: 25000 kg

Application/Limitation

CSC Approval reference number	: N-NV/564/09/15
Design temperature	: -20 °C
Min. shackle bolt diameter	: 37.6 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.

This approval does not apply to the tank transported by this frame. If the tank is to be filled, the unit as a whole (frame and payload) shall be approved and certified in accordance with IMDG by an authorised certifying body.

This approval only considers lifting the frame in the horizontal orientation. Padeyes for the vertical orientation lift have not formed part of this type approval.

Type Approval documentation

Tests carried out

Prototype 5128-2 tested in accordance with DNVGL-ST-E271 and CSC/ISO 1496-5.

Marking of product

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

- Data and inspection plates
- Size and Type Codes, and relevant parts of ISO 6346
- 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
- Removable beams to be marked with unit's serial number. Frame to be stencilled with words to the effect of "removable beams 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