DNV·GL

Certificate No:
TAS00001ES

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Oil Rack

Issued to
DE BEERS MARINE (PTY) LTD
CAPE TOWN, South Africa

is found to comply with
DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
IMO/MSC Circular 860

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Max. gross mass (kg)	**1537**
Max. payload (kg)	**1000**
Max. sling leg angle	**35**
Enhancement factor	**-**

Issued at **Aberdeen** on **2018-04-27**
This Certificate is valid until **2023-04-26**.
DNV GL local station: **Cape Town**

Approval Engineer: **Elisabeth Legg**

for **DNV GL**

Alex Doig
Team Lead

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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Manufactured by

Responsibility

The company to which this Type Approval Certificate has been issued 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

Max. external dimensions (LxWxH) : 1350 x 1350 x 1532 mm
Tare mass** : 537 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 : 0 °C
Min. shackle bolt diameter : 21.6 mm

DNV GL surveyor to witness important production and test events and issue a "Certificate for Offshore Container" for each container.

Production strength tests (All point lifting) to be carried out according to DNVGL-ST-E271 and after agreement with the DNV GL surveyor.

The certificates are only valid when the containers are fitted with a lifting set certified according to DNVGL-ST-E271.

This container is approved with a design temperature of 0°C. Ensure the container is clearly marked with words to the effect of "Only to be used in temperate climates".

Type Approval documentation

Tests carried out
Prototype no. OR-074 tested according to DNV GL 2.7-1.

Marking of product
Each container to be marked with:
- Data plates according to DNV GL/EN requirements
- External marking according to DNV GL/EN requirements
- 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-CP-0338 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE