Certificate No:
TAS0000375

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Food Bin Frame

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, January 2021
IMO/MSC Circular 860

Application :

Max. gross mass (kg)	**1888**
Max. payload (kg)	**1500**
Max. sling leg angle	**35**
Enhancement factor	**N/A**

Issued at **Aberdeen** on **2021-10-05**
This Certificate is valid until **2026-10-04** .
DNV local unit: **Rotterdam**

Approval Engineer: **Satya Shyamala Kuppili**

for **DNV**

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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.

Manufactured by
DNV CIM Number 10058434

Local DNV Office: Rotterdam

Responsibility
DE BEERS MARINE (PTY) LTD take 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) : 1255 x 990 x 1355 mm
Tare mass* : 388 kg

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

Application/Limitation
Design temperature : 0 °C
Minimum shackle pin diameter : 21.7 mm

The DNV 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. FC-157 tested in accordance with DNVGL-ST-E271.

Marking of product
Each container to be marked in accordance with DNV requirements, including:
- Data and inspection plates
- DNV emblem for offshore containers
- VL mark to be hard stamped on the data plate
- Manufacturer's serial number to be welded on frame.
- Container shall be clearly marked with words to the effect of "only to be used in temperate climates"

Periodical assessment
In order to maintain the validity of this 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