DNV·GL

Certificate No:
TAS00001T8

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
20'x8'x8' Container

Issued to
D.F. Barnes Fabrication Limited
St. John's, NL, Canada

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 :

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

Max. gross mass (kg)	**14200**
Max. payload (kg)	**10000**
Max. sling leg angle	**45**
Enhancement factor	**1.315**

Issued at **Aberdeen** on **2018-11-08**
This Certificate is valid until **2023-11-07**.
DNV GL local station: **St. John's, NL**

Approval Engineer: **Satya Kuppili**

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.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description
This Type Approval Certificate replaces S-6370.

Max. external dimensions (LxWxH) : 6100 x 2438 x 2616 mm
Tare mass** : 4200 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
Min. shackle bolt diameter : 31.1 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. DFB 820-101 strength tested in accordance with DNVGL-ST-E271.

Marking of product
Each container to be marked 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 the data plate
- 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