



Certificate No:
TAS00003CG

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
Workshop/Control Cabin - 4 variants

Issued to
OEG Offshore UK Limited
KINTORE, Aberdeenshire, United Kingdom

is found to comply with
DNV standard DNV-ST-E271 – 2.7-1 Offshore containers, January 2021 (Amended October 2021)
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)

Application :

Max. gross mass (kg)	14000
Max. payload (kg)	2000
Max. sling leg angle	45
Enhancement factor	1.324

Issued at **Aberdeen** on **2022-04-12**
This Certificate is valid until **2027-04-11** .
DNV local unit: **Aberdeen**

for **DNV**

Approval Engineer: **Alex Doig**

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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.



Form code: TA 281

Revision: 2021-10

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Manufactured by

DNV CIM Number: 128481

Local DNV Office: Manchester

Responsibility

OEG Offshore UK Limited takes full responsibility that both the design and production are in compliance with the Rules, Standards and / or Regulations listed on page 1 of this type approval certificate.

Product description

20' ISO / CSC freight container and offshore container.

Size code	: 22
Type code*	: SG
ISO designation	: 1CC
Maximum external dimensions (LxWxH)	: 6058 x 2438 x 2591 mm
Stacking test load per corner	: 86400 kg
Allowable stacking weight for 1.8g	: 192000 kg
Transverse Racking Test Force	: 150 kN
Tare mass**	: 12000 kg

*) Type Code in accordance with ISO 6346:1995/Amd.3:2012.

**) 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 page of this certificate.

Application/Limitation

CSC Approval reference number: **GB-DNV/1014/1/19**

Design temperature	: -20 °C
Minimum shackle pin diameter	: 31.8 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 DNV-ST-E271 certified lifting set.

In addition to the above the Control Cabin associated with drawings A4218-101 Rev A has been assessed in accordance with section 3 (only) of DNV-ST-E272 with respect to the following operational limitations:

<i>Fixed / Floating Vessel / Ship Use</i>	Yes	<i>Stacked Arrangement</i>	Yes (2 units high)*
<i>Maximum Operational Weight</i>	14,000 kg	<i>Important Service Use</i>	No
<i>Sea Pressure Load (max)</i>	30 kN/m ²	<i>Other Service Loads</i>	N/A
<i>Acceleration (max)</i>	0.75g horizontal / 1.0g vertical		
<i>Sea fastening</i>	Single units (and stacked units up to 22.5 kN/m ² expected sea pressure) to be sea-fastened at all 4 corners using manually operated marine grade twistlocks (minimum SWL 250 kN shear, 210 kN tension). *For expected sea pressures exceeding 22.5 kN/m ² stacked assemblies shall be sea-fastened to the deck by appropriate sea-fastening, designed to resist min shear and uplift forces of 250 kN (min) at each corner of the unit.		



Job Id: **262.1-037365-1**
Certificate No: **TAS00003CG**

Type Approval documentation

Tests carried out

Prototype No. B3632-001 tested in accordance with DNV-ST-E271 and CSC.

Marking of product

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

- Data and inspection plates
- DNV emblem for offshore containers
- NV mark to be hard stamped on the data plate
- Manufacturer's Serial Number to be welded on frame
- Size and Type Code, and relevant parts of ISO 6346

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNV-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