DNV·GL

Certificate No:
TAS00001RM

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
20ft Closed Container
16ft Closed Container
14ft Closed Container
12ft Closed Container
11ft Closed Container
10ft Closed Container

Issued to
Modex AS
BRYNE, Norway

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.

Design No.	Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle	Enhancement factor
1	20ft	15080	11000	45	1.278
2	16ft	16000	12500	45	1.254
3	14ft	15250	12000	45	1.273
4	12ft	15000	12000	45	1.280
5	11ft	13900	11000	45	1.329
6	10ft	13950	11000	45	1.326

Issued at **Aberdeen** on **2018-10-19**
This Certificate is valid until **2023-10-18**.
DNV GL local station: **Aberdeen**

for **DNV GL**

Approval Engineer: **Brendan Ward**

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.

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Manufactured by

DNV GL CIM No.	134179	10575601	10420249	10081573	10107353	10427601	10101455	10305461	10429394
DNV GL office									
Note									
1	*	*	*	*	*	*	*		*
2		*	*	*	*	*	*	*	*

*) The type approval will not become valid for this place of manufacture before they have built and tested a prototype.

Notes:

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

Design No.	Type	Max.external dimensions (LxWxH)	Tare mass*
1	20ft Closed Container	6058 x 2438 x 2896	4080 kg
2	16ft Closed Container	4877 x 2438 x 2896	3500 kg
3	14ft Closed Container	4267 x 2438 x 2896	3250 kg
4	12ft Closed Container	3658 x 2438 x 2896	3000 kg
5	11ft Closed Container	3353 x 2438 x 2896	2900 kg
6	10ft Closed Container	3048 x 2438 x 2896	2950 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 No.	Type	Min. design temperature	Min. shackle bolt diameter
1	20ft Closed Container	-40 °C	30.6 mm
2	16ft Closed Container	-40 °C	30.6 mm
3	14ft Closed Container	-40 °C	30.6 mm
4	12ft Closed Container	-40 °C	30.6 mm
5	11ft Closed Container	-40 °C	30.6 mm
6	10ft Closed Container	-40 °C	30.6 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.

Type Approval documentation

Tests carried out

Prototype testing carried out in accordance with DNV GL 2.7-1.

Marking of product

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

- Data and inspection plate
- 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