

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
20' High Cube Compressor Container

Issued to

NEWMECH SERVICES LTD
ABERDEEN, United Kingdom

is found to comply with

DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
EN 12079 Offshore containers-Design, construction, testing, inspection and marking
IMO/MSC Circular 860
International Convention for Safe Containers, 1972 (CSC)
ISO 1496, Part 1: General Cargo Containers for General Purposes
DNV 2.7-4 Freight Containers**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****Max. gross mass (kg) 15000**
Max. payload (kg) 11000
Max. sling leg angle 30
Enhancement factor 1.280Issued at **Aberdeen** on **2018-04-06**This Certificate is valid until **2023-04-05**.for **DNV GL**DNV GL local station: **Aberdeen**Approval Engineer: **Satya Syamala Kuppili**

on behalf of Alex Doig
Head of Section

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.



Job Id: **262.1-028645-1**
Certificate No: **TAS00001EJ**

Product description

20' ISO / CSC high cube container and offshore container.

ISO designation	: 1CC
Size code	: 25
Type code	: SJ (typically)
Max. external dimensions (LxWxH)	: 6058 x 2438 x 2896 mm
Stacking test load per corner	: 54000 kg
Allowable stacking weight for 1.8g	: 120000 kg
Tare mass*	: 4000 kg

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

Application/Limitation

CSC Approval reference number: **N-NV/589/03/17**

Design temperature	: -20 °C
Min. shackle bolt diameter	: 31.6 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 DNV 2.7-1 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 DNV 2.7-1.

Type Approval documentation

Tests carried out

Prototype no. 12879731 tested according to DNV GL 2.7-1 and , ISO 1496-1.

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Marking of product

Each container to be marked with:

- Data plate according to CSC requirement
- Data plates according to DNV GL 2.7-1 requirements
- External marking:
 - According to DNV GL/EN requirements
 - Size and Type Codes and relevant parts of ISO 6346
- 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