DNV·GL

Certificate No:
TAS00001J6

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
10ft ISO/CSC Offshore Container - D-2013-1009

Issued to
CTS Container & Trailer Services Ltd.
Dartmouth, NS, 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
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)	**10000**
Max. payload (kg)	**6000**
Max. sling leg angle	**30°**
Enhancement factor	**1.501**

Issued at **Aberdeen** on **2018-07-06**
This Certificate is valid until **2023-07-05**.
DNV GL local station: **Halifax**

Approval Engineer: **Elisabeth Legg**

for **DNV GL**

Alex Doig
Team Lead

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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Product description
10’ freight and offshore container.

This Type Approval Certificate replaces S-7902.

ISO size code	: 1DD
Max. external dimensions (LxWxH)	: 2991 x 2438 x 2591 mm
Stacking test load per corner	: 22900 kg
Tare mass**	: 4000 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
CSC Approval reference number: N-NV/531/12/13

Design temperature	: -20 °C
Minimum shackle bolt diameter	: 31.0 mm
Allowable stacking weight for 1.8g	: 50800 kg

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. S-2555 and PCUU 5580017 tested.

Marking of product
Each container shall be marked in accordance with DNV GL/ISO/CSC requirements, including:
- Data and inspection plates
- Markings
- 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