

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
CN2027 Shelved Mini Container, EX83A Shelved Mini Container

Issued to

Suretank Export Ltd
CO. LOUTH, Irelandis found to comply with
DNV 2.7-1 Offshore Containers (2013)
EN 12079 Offshore containers-Design, construction, 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.**

Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle	Enhancement factor
CN2027 Shelved Mini Container	5900	4500	45°	1.786
EX83A Shelved Mini Container	5900	4500	45°	1.786

Issued at **Aberdeen** on **2017-07-14**This Certificate is valid until **2021-07-13**.for **DNV GL**DNV GL local station: **Manchester**Approval Engineer: **Andrzej Lange**

.....

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: **262.1-026550-1**
Certificate No: **TAS0000149**

Manufactured by

DNV GL id number 146509*

*) The type approval will not become valid for CN2027 Shelved Mini Container for this place of manufacture until they have successfully 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 of this Type Approval Certificate.

Product description

Type	Max. external dimensions (LxWxH)	Tare mass*
CN2027 Shelved Mini Container	1880 x 1605 x 2850 mm	1400 kg
EX83A Shelved Mini Container	1880 x 1605 x 2844 mm	1400 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

Type	Design temperature	Min. shackle bolt diameter	Maximum Intermediate deck load
CN2027 Shelved Mini Container	-20 °C	24.9 mm	2250 kg *
EX83A Shelved Mini Container	-20 °C	24.9 mm	1900 kg

DNV GL surveyor to witness important production and test events and issue Form no. 49.07a "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.



Job Id: **262.1-026550-1**
Certificate No: **TAS0000149**

Type Approval documentation

Tests carried out

Prototype number BOSL 056050, BOSL 056066 and BOSL 056110 tested according to DNV 2.7-1.

Marking of product

Each container to be marked with:

- Data plates according to DNV / EN requirements
- External marking according to DNV / EN requirements
- DNV GL emblem for offshore containers
- VL mark to be hard stamped on frame
- Manufacturer's Serial Number to be welded on frame

Certificate retention survey

For retention of the Type Approval, a DNV GL surveyor shall perform a survey every 2nd year and before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE