

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**

with type designation(s)

Mud Skip - ST3/MS-ST-1-02/G, Mud Skip - ST71/MS-ST-1-01/D

Issued to

**Suretank Export Ltd
CO. LOUTH, Ireland**

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****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
Mud Skip - ST3/MS-ST-1-02/G	6000	4635	45°	1.766
Mud Skip - ST71/MS-ST-1-01/D	6000	4770	45°	1.766

Issued at **Aberdeeb** on **2017-11-23**This Certificate is valid until **2021-11-22**.for **DNV GL**DNV GL local station: **Manchester**Approval Engineer: **Satya Shyamala Kuppili**

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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: **262.1-014150-4**
Certificate No: **TAS000019V**

Manufactured by

CIM Number 146509
CIM Number 10105637**
CIM number 134179*
CIM number 10102339*
CIM Number 10003264*
CIM number 1214516*
CIM number 10019533*

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

**) Prototype test have been performed, awaiting periodical assessment (retention survey) to be done for this type approval to become valid for this place of manufacture.

Responsibility

The Holder of Certificate takes responsibility that both 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
Mud Skip - ST3/MS-ST-1-02/G	1900 x 1730 x 1406 mm	1365 kg
Mud Skip - ST71/MS-ST-1-01/D	1900 x 1730 x 1406 mm	1230 kg

Application/Limitation

Design temperature : -20 °C
Min. shackle bolt diameter : 25.0 mm

Det Norske Veritas' 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 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 tested according to DNVGL-ST-E271.

Marking of product



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Each container to be marked with:

- Data plates according to DNV GL / EN requirements
- External marking according to DNV GL / 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