

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
Pump Transfer Skid Frame

Issued to

**Etudes et Productions Schlumberger
Clamart CEDEX, France**

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.**

Max. gross mass (kg)	2500
Max. payload (kg)	2000
Max. sling leg angle	45
Enhancement factor	2.880

Issued at **Aberdeen** on **2018-03-30**This Certificate is valid until **2023-03-29**.for **DNV GL**DNV GL local station: **Paris**Approval Engineer: **Satya Shyamala Kuppili**

**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: **262.1-016284-4**
Certificate No: **TAS00001EE**

Manufactured by

CIM number 18070

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

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

Max. external dimensions (LxWxH) : 3260 x 970 x 1570 mm
Tare mass** : 500 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 temperature : -20 °C
Min. shackle bolt diameter : 24.9 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 DNVGL-ST-E271 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 DNVGL-ST-E271.

Type Approval documentation

Tests carried out

Prototype no. 721 tested according to DNV 2.7-1.

Marking of product

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 before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE