

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
3.2 - 6.2m Cargo Basket

Issued to

Swire Oilfield Services AS
TANANGER, Norway

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****Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Design No.	Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle	Enhancement factor
1	3.2m Basket	6000	4000	30°	1.766
2	3.2m Basket	10000	8330	45°	1.501
3	4.2m Basket	10000	7850	45°	1.501
4	5.2m Basket	10000	7550	45°	1.501
5	6.2m Basket	10000	7350	45°	1.501

Issued at **Aberdeen** on **2018-06-26**This Certificate is valid until **2023-06-25**.for **DNV GL**DNV GL local station: **Aberdeen**Approval Engineer: **Satya Shyamala Kuppili**

Elisabeth Legg
Principal Engineer

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: **262.1-014240-3**
Certificate No: **TAS00001HX**

Manufactured by

CIM number 134179

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

This Type Approval Certificate replaces S-7258.

Design No.	Type	Max. external dimensions (LxWxH)	Tare mass**
1	3.2m Basket	3200 x 1760 x 1435 mm	2000 kg
2*	3.2m Basket	3200 x 1760 x 1455 mm	1670 kg
3*	4.2m Basket	4200 x 1760 x 1455 mm	2150 kg
4*	5.2m Basket	5200 x 1760 x 1455 mm	2450 kg
5	6.2m Basket	6200 x 1760 x 1455 mm	2650 kg

*) The type approval will not become valid for these designs before they have built design no. 2 (3.2m basket) and tested a prototype.

**) 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 No.	Type	Min. Design temperature	Min. shackle bolt diameter
1	3.2m Basket	-20 °C	24.4 mm
2	3.2m Basket	-20 °C	24.4 mm
3	4.2m Basket	-20 °C	24.4 mm
4	5.2m Basket	-20 °C	24.4 mm
5	6.2m Basket	-20 °C	24.4 mm

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.



Job Id: **262.1-014240-3**
Certificate No: **TAS00001HX**

Type Approval documentation



Job Id: **262.1-014240-3**
Certificate No: **TAS00001HX**

Tests carried out

Prototype tested according to DNVGL-ST-E271.

Marking of product

Each container to be marked in accordance with DNV GL / EN requirements, including:

- Data and inspection plates
- DNV GL emblem for offshore containers
- VL mark to be hard stamped on the data plate
- 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