DNV·GL

Certificate No:
TAS00002BM

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Offshore Container

with type designation(s)
18 m FMC Offshore basket - FMC-SE2-18
18 m FMC Offshore basket - FMC-TJ-18
15.2 m FMC Offshore basket - FMC-SE2-15.2
10 m FMC Offshore basket - FMC-SE2-10

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 :

Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle	Enhancement factor
18 m FMC Offshore basket - FMC-SE2-18	**22000**	**15850**	**29°**	**1.130**
18 m FMC Offshore basket - FMC-TJ-18	**22000**	**14580**	**45°**	**1.130**
15.2 m FMC Offshore basket - FMC-SE2-15.2	**22000**	**16400**	**29°**	**1.130**
10 m FMC Offshore basket - FMC-SE2-10	**22000**	**18150**	**29°**	**1.130**

Issued at **Aberdeen** on **2019-12-20**
This Certificate is valid until **2024-12-19**.
DNV GL local station: **Stavanger**

for **DNV GL**

Approval Engineer: **Ronald Quiballo**

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.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Manufactured by
DNV GL id number 134179

Responsibility
Swire Oilfield Services AS 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
This type approval replaces TAS000008U.

Type	**Maximum external dimensions (LxWxH)**	**Tare Mass** *
FMC-SE2-18	18000 x 1840 x 1491 mm	6150 kg
FMC-TJ-18	18000 x 1840 x 1840 mm	7240 kg
FMC-SE2-15.2	15280 x 1840 x 1491 mm	5600 kg
FMC-SE2-10	10280 x 1840 x 1491 mm	3850 kg

*) Tare mass is to be confirmed by weighing. The sum of tare and payload shall never exceed the maximum gross mass stated on the front page of this certificate.

Application/Limitation
Design temperature : -20 °C
Minimum shackle pin diameter : 31.5 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.

Type Approval documentation

Tests carried out

Prototypes tested in accordance with DNVGL-ST-E271.

Marking of product

Each container to be marked in accordance with DNV GL / ISO 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-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE