Certificate No:
TAS0000418

TYPE APPROVAL CERTIFICATE

This is to certify:

That the portable offshore unit

with type designation(s)
Permanent toilet container

Issued to
Swire Energy Services AS
Tananger, **Norway**

is found to comply with
DNV standard DNV-ST-E273 – 2.7-3 Portable offshore units, April 2016 (Amended May 2022)

Application :

Max. gross mass (kg)	**5000**
Max. payload (kg)	**0**
Max. sling leg angle	**44**

Issued at **Aberdeen** on **2023-09-29**
This Certificate is valid until **2028-09-28** .
DNV local unit: **Stavanger**

Approval Engineer: **Elisabeth Legg**

for **DNV**

Satya Shyamala Kuppili
Delivery Lead - Containers

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Manufactured by

Manufacturer Name	Location	DNV Local Office	DNV CIM Number
		Gdynia	134179

Responsibility

Swire Energy 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

Type	Type	Operational Class	Tare mass**
Permanent toilet container	A	R30-SE	5000 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

Type	Design temperature
Permanent toilet container	-20 °C

The DNV surveyor shall witness all important production and testing events and issue a certificate on Form no. MOP 201 “Certificate for Portable Offshore Unit” for each unit.

This design verification is based on an asymmetric lifting set. User shall ensure that the slings are attached to the appropriate pad eyes so that the master link is maintained above the centre of gravity of the unit.

Type Approval documentation

Tests carried out
Prototype tested in accordance with DNV-ST-E273.

Marking of product
Marking shall be carried out in accordance with to DNV-ST-E273 section 6.

Periodical assessment
In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNV-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnv.com