Certificate no.:
TAS00004SG

TYPE APPROVAL CERTIFICATE

This is to certify:

that the portable offshore unit

with type designation(s)
skid for storage tank

issued to
Al Shirawi Equipment Company L.L.C
Dubai, **United Arab Emirates**

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)	**18000**
Max. payload (kg)	**0**
Max. sling leg angle	**30**

Issued at **Aberdeen** on **2025-03-20**
This Certificate is valid until **2030-03-19**.
DNV local unit: **Abu Dhabi**

for **DNV**

Approval Engineer: **Elisabeth Legg**

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.

Product description

Type	Maximum external dimensions (LxWxH)	Type	Operational Class	Tare mass*
Skid for storage tank	14430 x 3060 x 3985 mm	C	R30	18000 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	Resultant sling force (RSF)	Shackle size
Skid for storage tank	0 °C	168 kN	17 t

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.

The tank and piping in this design shall be transported empty of contents during all lifting and transportation activities.

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 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