Certificate no.:
TAS00004D6

TYPE APPROVAL CERTIFICATE

This is to certify:

that the portable offshore unit

with type designation(s)
Skid for Well Test Separator

issued to
Magnum Technology Center FZE
Sharjah, **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)	**33000**
Max. payload (kg)	**1000**
Max. sling leg angle	**45**

Issued at **Aberdeen** on **2024-07-23**
This Certificate is valid until **2029-07-22**.
DNV local unit: **Abu Dhabi**

for **DNV**

Approval Engineer: **Shrutika Arsud**

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	Dimensions (LxWxH)	Type	Operational Class	Tare mass*
Skid for Well Test Separator	8230 x 3200 x 3500 mm	A	R30	32000 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	Resultant Sling Force (RSF)	Design temperature
Skid for Well Test Separator	346 kN	-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 approval has assessed the strength of the upper and lower frames as a connected assembly. Other lifting and handling scenarios have not been included in this type approval certification.

The connecting items associated with the removable primary frame shall be checked for damage prior to transportation and lifting activities. Should any signs of significant wear or damage be evident, these items shall be replaced with equivalent fasteners. The connecting bolts shall be permanently secured to the structure by means of a chain or equivalent. This information shall be transferred to the offshore container certificate.

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.

This design incorporates removable base frame. Both parts of the main frame shall be marked with frame's serial number. The frame shall be stencilled with words to the effect of "removable base shall be fitted during all lifting and transportation activities”.

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.