Certificate no.:
TAS00004JF

TYPE APPROVAL CERTIFICATE

This is to certify:

that the portable offshore unit

with type designation(s)
Skid for 3 Way Diverter
Skid for 5 Way Diverter

issued to
NOV Products Middle East FZE
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:

Type	Max. gross mass (kg)	Max. payload (kg)	Max. sling leg angle
Skid for 3 Way Diverter	**1800**	**0**	**45**
Skid for 5 Way Diverter	**3100**	**0**	**45**

Issued at **Aberdeen** on **2024-12-20**
This Certificate is valid until **2029-12-19**.
DNV local unit: **Abu Dhabi**

for **DNV**

Approval Engineer: **Satya Shyamala Kuppili**

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.

Job ID: **262.1-043028-1**
Certificate no.: **TAS00004JF**

Manufactured by

Manufacturer Name	Location	DNV local office	DNV CIM Number
		Abu Dhabi	10139667
		Abu Dhabi	10121862

Responsibility

NOV Products Middle East FZE takes full responsibility that both the 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	Dimensions (LxWxH)	Type	Operational Class	Tare mass*
Skid for 3 Way Diverter	1700x1500x1108	B	R45	1800 kg
Skid for 5 Way Diverter	2150x1750x1108	B	R45	3000 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	Shackle size	Resultant Sling Force (RSF)	Design temperature
Skid for 3 Way Diverter	4.75 t	46 kN	-20 °C
Skid for 5 Way Diverter	4.75 t	66 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.

Type Approval documentation

Tests carried out

This type approval covers design only. i.e. the type approval is not valid for the final product, but may be used as basis for obtaining a product certificate.

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