



Certificate no.:
TAS00004V7

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Lifting Frame

with type designation(s)
Lifting Skid

issued to
Forum U.S. Inc, dba DYNACON
Bryan, TX, USA

is found to comply with

DNV standard DNV-ST-0378 – Offshore and platform lifting appliances

Application:

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Houston** on **2025-08-28**

This Certificate is valid until **2030-08-27**.

for **DNV**

DNV local unit: **Certification & Inspection Services**

Approval Engineer: **Bo Cui**

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 USD 300 000.

Product description

A-FRAME, WINCH & EHPU Skid for Lifting

Application/Limitation

Design Parameter	Value
Design temperature	-20 °C
Design SWL (MGW)	21,092 kg
Dynamic factor	2.0
Lifting method	4-points lift
Design sling angle from vertical	16.5 degree for two sling legs 30 degree for two slings
Shackle	G-2130 BOLT TYPE SHACKLE: 1 1/4", 9.5 Te WLL
Service	Offshore lifting

Note: detail lifting plan is referenced in drawing 1476-1000-02.

Type Approval documentation

Tests carried out

Prototype testing shall be carried out in accordance with DNV-ST-0378.

The prototype load test was conducted on July 31, 2025 and witnessed by DNV surveyor Robert Steinocher.

Marking of product

For traceability the following marking is to be carried out on each product:

1. Serial No.
2. Safe working load
3. Manufacturer's Name or trademark
4. Additional marking at the manufacturer's discretion

Periodical assessment

For retention of the Type Approval, DNV's surveyor shall perform periodical assessment after 2 years (+/- 90 days) and after 3.5 years (+/- 90 days) in accordance with DNV's Class Program DNV-CP-0338, Section 4.

Manufactured by:

Forum U.S. Inc, dba DYNACON
Bryan, TX, USA

End of Certificate