



Certificate no.:
TAS000056V

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Hook

with type designation(s)
ROV Hooks

issued to

FORJAS IRIZAR, S.L.
Lazkao, Gipuzkoa, Spain

is found to comply with

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

Application:

Included on second page of this document

Issued at **Høvik** on **2026-02-12**

This Certificate is valid until **2031-02-11**.

for **DNV**

DNV local unit: **Area NB/CMC Iberia**

Approval Engineer: **Luisa Brites**

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

ROV lifting hooks manufactured from forged steel for use in offshore subsea lifting operations. Each hook is fitted with a safety latch. A total of 15 hooks are included, with Safe Working Loads (SWL) ranging from 50 t to 1000 t.

Application/Limitation

The hooks are categorised as loose gear and are intended for offshore use under the following conditions:

- Minimum design temperature: -20 °C
- Maximum design dynamic factor: 1.3
- Maximum number of lifting cycles: 50

The Safe Working Load (SWL) and Minimum Breaking Load (MBL), in metric tonnes (t), are specified in the following table:

SWL [t]	MBL [t]
50	200
63	250
80	320
100	400
120	480
150	600
200	800
250	1000
300	1200
400	1600
500	2000
600	2400
700	2800
800	3200
1000	4000

Type Approval documentation

Certification

This Type Approval covers design(s) only; it is not valid for the final product but may be used as a basis for obtaining a product certificate.

If a DNV Product Certificate is required, the following shall apply:

- The manufacturing survey shall be conducted by a DNV Surveyor.
- Each hook shall be tested in accordance with DNV-ST-0378 Table 14-2 in the presence of a DNV Surveyor.
- Examination after testing as per DNV-ST-0378 Sec. 14 [14.2.4].



Job ID: **262.1-045288-1**
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Marking of product

Each hook shall be marked according to DNV-ST-0378 Sec.14 [14.5].

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.

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>

END OF CERTIFICATE