Certificate no.:
TAS000058S

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Lifting Gear

with type designation(s)
Master link

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 **2026-03-26**
This Certificate is valid until **2031-03-25**.
DNV local unit: **Area NB/CMC Iberia**

for **DNV**

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

Forged parallel-sided master link for single-leg lifting sling.

Application/Limitations

The master link is categorised as loose gear and is intended for offshore use under the following conditions:

- Safe Working Load (SWL): 63 tonnes
- Minimum breaking load (MBL): 252 tonnes
- Maximum design dynamic factor: 1.3
- Maximum number of lifting cycles: 50
- Minimum design temperature: -20 °C
- Load condition: single-leg sling configuration with centrally and axially applied load

Standards / Design Basis

The master link design is based on and assessed against the requirements of:
EN 1677-4:2000+A1:2008 – Components for slings – Safety – Part 4: Links, Grade 8

Type Approval documentation

Tests and examinations

Type testing shall be carried out in accordance with EN 1677-4, Sec. 6.2.

Any change in design, material specification, heat treatment, method of manufacture or dimensions outside normal manufacturing tolerances that may affect the mechanical properties shall require requalification by type testing in accordance with EN 1677-4.

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 master link 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].

Marking of product

Each master link 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