



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAS00000M6
Revision No:
2

This is to certify:

that the Hook

with type designation(s)
HPHA 5

issued to

H. Henriksen AS
TØNSBERG, Norway

is found to comply with

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

Application:

Painter hook

Issued at **Høvik** on **2024-10-16**

for **DNV**

This Certificate is valid until **2029-10-15**.

DNV local unit: **Sandefjord**

Approval Engineer: **Axel Janson**

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.



Form code: TA 251

Revision: 2023-09

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Product description

Survival craft towing painter with remote release device.

Application/Limitation

Equipment categorization: Offshore, loose gear
Minimum breaking load (MBL): 20t (196 kN)
Safe Working Load (SWL)*: 5t (49 kN)
Design temperature: -20 °C

*Maximum tension in the towing line.

Type Approval documentation

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title</u>
HH043388	A1	Hovedbolt Ø30-124
HH023379	C4	Sideplate 15x523x771
HH023378	D4	Sideplate 15x523x771
HH013377	B	Krokemne 50x383x171
HH003095	C11	Assembly - HPHA 5,0 WLL 5000kg SF 4,0
1-3675RX	0	Report H. Henriksen-Kroktest HPHA5

Tests carried out

Prototype testing is not required for this design.

Marking of product

Each hook shall be marked according to DNV-ST-0378 Sec.14.5. Additional marking per manufacturer's specifications.

Certification

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

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

- The manufacturing survey shall be followed-up by a DNV Surveyor
- Each hook shall be tested according to DNV-ST-0378 Table 14-2. The testing shall be witnessed by a DNV surveyor.
- The testing shall include emergency release at maximum rope tension.

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