



Certificate no.:
TAS000056C

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Winch - General Application

with type designation(s)
Auxiliary Hoist Winch Frame and Drum

issued to

Huisman Equipment B.V.
Schiedam, Zuid-Holland, Netherlands

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 **Høvik** on **2026-03-09**

This Certificate is valid until **2031-03-08**.

for **DNV**

DNV local unit: **Netherlands VMC**

Approval Engineer: **Andreas Sigvardsson**

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

Winch frame and drum for auxiliary hoist.

Application/Limitation

Safe Working Load, SWL:	20000 kg
Personnel lifting, SWL:	7000 kg
Dynamic amplification factor, DAF:	1.6
Wire diameter:	32 mm
Wire type:	Steel wire rope
Max. number of wire rope layers on drum:	12
Min. design temperature:	-20 deg C
Max design temperature:	+45 deg C
Load spectrum factor:	0.13
Max lifts during lifetime:	55000
Max. working hours during lifetime:	4427

Type Approval documentation

Tests to be carried out on each individual product

To obtain a DNV Product Certificate, the winch shall be tested according to the DNV-ST-0378 Table 14-1 and NDT to be carried out according to DNV-ST-0378 Sec. 3

Marking of product

Each winch is to be marked according to DNV-ST-0378 Sec.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

Other comments

- The torque balancing cylinders are not part of this approval, the documentation listed is only For Information.
- All materials are to be delivered with 3.1 certificates, documenting mechanical properties and chemical compositions in according with DNV-ST-0378 Sec. 3.
- Welds and NDT to be carried out by certified personnel and in according with DNV-ST-0378 Sec. 3.
- Certification requirements are to be in according with DNV-ST-0378 Table 2-2, Table 2-3, and Table 2-4
- Transmission gears and brakes are not covered by this approval, and to be covered by separate DNV approval or DNV type approval.