



Certificate No:
TAS00003F6

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Anchoring - Anchor

with type designation(s)
AC-14 SR HHP Anchor 75kg to 30000kg

Issued to

Jiangsu Xiangsheng Heavy Industries Co., Ltd.
Rugao, China

is found to comply with
DNV rules for classification – Ships

Application :

Approved for use as High Holding Power anchor according to DNV Rules for weights in range of 75kg-30000kg, with 25% weight reduction compared to normal stockless anchor.

Issued at **Høvik** on **2022-06-24**

This Certificate is valid until **2027-06-23**.

DNV local station: **Nantong**

for **DNV**

Approval Engineer: **Lap Van Duong**

.....
Per Esvall
Head of Section

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: 2021-03

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Product description

Type AC-14 SR HHP Anchor in range of 75 kg - 30000 kg

Application/Limitation

- This certificate is a verification of the design towards the listed rules/requirements. The assessment does not waive requirements for certification of the anchor (i.e., issuance of DNV product certificate) or classification procedure required by DNV rules for product installed on DNV classed vessels.
- The manufacturer is required to have a DNV surveyor witnesses all important production and tests as required.
- All welding is to be carried out by qualified welders and according to approved welding procedures.
- Relevant NDT shall be performed after proof load testing.
- Each anchor and anchor shackle are to be delivered with required material certificates in accordance with Pt. 3 Ch.1 Sec.3 [3] and Pt. 3 Ch.11 Sec.1 [4.2]
- Proof load shall correspond to the weight of normal stockless anchor i.e., 4/3 of HHP anchor weight according to Pt. 3 Ch.11 Sec. 1 [4.5]
- Assembly and fitting tolerance shall be in according with Pt. 3 Ch. 11 Sec. 1 [4.4]

Type Approval documentation

Tests carried out

Report:

The Test Report of HY-14 (AC-14) HY-14SR (AC-14SR), dated 2011-12-08

The Holding Power Test Document of HY-14SR (AC-14SR) Anchor, dated 2006-04-12

Marking of product

Each anchor shall be stamped according to Pt. 3 Ch. 11 Sec. 1 [4.7]

Periodical assessment

For retention of Type Approval, a DNV surveyor shall perform periodical assessment after 2 years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for approval are complied with. Reference to DNV-CP-0338.