Certificate no.:
TAS00004J5

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Permanent Chaser

with type designation(s)
QAC241028PC

issued to
Qingdao Anchor Chain Co., Ltd.
Qingdao, Shandong, China

is found to comply with

DNV standard DNV-ST-N001 – Marine operations and marine warranty
DNV standard DNV-ST-0378 – Offshore and platform lifting appliances

Application:

for recovering embedded anchors

Issued at **Høvik** on **2024-12-09**
This Certificate is valid until **2029-12-08**.
DNV local unit: **Qingdao**

for **DNV**

Approval Engineer: **Pierre-Eric Moulia**

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

Permanent Chaser for recovering embedded anchors.

Type	Proof Load Test (ton)	SWL (ton)
PE-C-110	250	110
PE-C-130	250	130
PE-C-150	250	150
PE-C-250	400	250

Application/Limitation

Materials shall have 3.1 certificates.
Minimum design temperature is - 20 °C.

Type Approval documentation

Tests carried out

Test intended for DNV certification to be carried out in accordance with DNV-ST-0378 October 2021.

Marking of product

Each chaser shall be marked according to DNV-ST-0378 October 2021 item 14.5.1

Periodical assessment

For retention of this Type Approval, a DNV surveyor shall perform a periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days). The objective of the periodical assessment is to verify that the conditions for the Type Approval have not been altered. (Ref DNV-CP-0338 Type approval scheme).
Validity of this certificate can be checked at https://approvalfinder.dnv.com/

Manufactured by:

Tengzhou Chengjin Machinery Manufacture Co., Ltd
Donggongqiao Village Guanqiao Town, Bayi Mining Area, Tengzhou Town Zaozhuang City, China