DNV·GL

Certificate No:
**TAS00000HJ**

# TYPE APPROVAL CERTIFICATE

## This is to certify:

**That the High Holding Power Anchor**

with type designation(s)
**DZ-6 Welding Anchor**

Issued to
**Chongqing Xinye Marine Casting Co.,Ltd.**
**CHONGQING CHONGQING, China**

is found to comply with
**DNV GL rules for classification – Ships**

## Application :

**Approved for use as High Holding Power Anchor according to DNV GL Rules for weights from 60kg to 36000kg, with 25% weight reduction compared to ordinary stockless anchor.**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

This Certificate is valid until **2020-06-26**.

Issued at **Høvik** on **2016-06-27**

for **DNV GL**

DNV GL local station: **Wuhan**

Approval Engineer: **Chi Wan Bang**

**Aldo Matteucci**
**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.


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Job Id:
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## Product description

- High Holding Power Anchor: DZ-6 Welding Anchor

## Application/Limitation

- Surveyor is to issue DNVGL Product Certificate and each anchor is to be tested prior to issuance of this. Proof load applied is to correspond to the weight of a normal stockless anchor, which is 4/3 of the HHP anchor weight.
- Each anchor is also to be delivered with material certificates in compliance with above rules Pt.3 Ch.11 Sec.1 4.2 and relevant requirements given in Pt.2.
- Each anchor shackle is to be delivered in compliance with above rules rules Pt.3 Ch.11 Sec.1 4.3.
- Non-destructive testing (NDT) and repairs are to be performed

## Type Approval documentation

Based on the following documentation:

| | | |
|---|---|---|
| Drawings No.: | LZS95-023-60~36000 | - Type Approved (stamped 2012-06-01) |
| | LZS95-023-60~36000 -1 | - Type Approved (stamped 2012-06-01) |
| | LZS95-023-60~36000 -2 | - Type Approved (stamped 2012-06-01) |
| | LZS95-023-60~36000 -3 | - Type Approved (stamped 2012-06-01) |
| | LZS95-023-60~36000 -4/5 | - Type Approved (stamped 2012-06-01) |

## Tests carried out

Sea bed tests carried out December-2011. Report: CQXY-011-11-15-19 - "Sea Test Report for High Holding Power Anchor"

## Marking of product

- Each anchor shall be marked according to above rules rules Pt.3 Ch.11 Sec.1 4.7.

## Periodical assessment

- For retention of the Type Approval, DNVGL surveyor shall perform a survey every second year and before expire date of this certificate to verify that the conditions of the type approval are complied with.

END OF CERTIFICATE