DNV·GL

Certificate No:
TAS00000D8

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Anchoring - Anchor

with type designation(s)
KAC 14

Issued to
Hiroshima Metal and Machinery Co., Ltd.
KURE CITY HIROSHIMA, Japan

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

Application :

Approved for use as 'High Holding Power Anchor' as per current rules of DNV GL for weights up to 30,350 kg with 25% reduction compared to normal 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 **2020-03-30**.

Issued at **Høvik** on **2016-03-31**

for **DNV GL**

DNV GL local station: **Hiroshima**

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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Product description

- KAC 14

Application/Limitation

- Surveyor is to issue Product Certificate. Each anchor is to be inspected and tested.
- Each certificate is to be delivered with material certificate and test certificate in compliance with DNV GL Rules as stated.
- Further the Type Approval is based on an earlier Type Approval of the OAC 14 Anchor.

Type Approval documentation

Tests carried out

- Test Report dated Onomichi, the 25th December 1978.

  The test of the anchor is to be made according to our Rules for a normal anchor except for the proof-test, whereby the proof-load should correspond to the weight of a normal anchor.

Marking of product

The following marks to be stamped on the side of the anchor:

- Mass of anchor
- H.H.P.
- Certificate number
- Date of test
- the Society's stamp
- Type designation

Periodical assessment

For retention of the Type Approval, DNV GL 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