DNV·GL

Certificate No:
TAS00000N5

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Anchor shackle

with type designation(s)
ASAC2016-14Z01

Issued to
Jiangsu Asian Star Anchor Chain Co., Ltd.
JINGJIANG JIANGSU, China

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

Application :

Approved for use in ships anchor chains.

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

This Certificate is valid until **2021-09-01**.

Issued at **Høvik** on **2016-09-02**

for **DNV GL**

DNV GL local station: **Jiangyin**

Approval Engineer: **Pierre-Eric Moulia**

Inger-Helene Hals
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:
Certificate No: **TAS00000N5**

Product description

Anchor shackle for 114mm K3 chain.

Application/Limitation

The approval is conditional that the manufacturer factory is approved by DNVGL for K3 grade material.

The shackle is to be used in connection with chains for ships.

The shackle shall be manufactured and tested in accordance with DNVGL-RU-SHIP-Pt3Ch11 Edition July 2016

Individual Product Certificate is to be issued for each delivery.

Type Approval documentation

Tests carried out

For every order testing shall be carried out according to DNVGL-RU-SHIP-Pt3Ch11 Edition July 2016

Marking of product

Each shackle shall be marked according to DNVGL-RU-SHIP-Pt3Ch11 Edition July 2016

Periodical assessment

For retention of the Type Approval, DNVGL surveyor shall perform a survey every 2 ½ year and before the expiry date of this Certificate to verify that the conditions of the type approval are complied with.