

TYPE APPROVAL CERTIFICATE

This is to certify:

That the C Type Shaped Detachable Connecting Link

with type designation(s)
ASAC1506-06Z01-C

Issued to

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

is found to comply with
DNV-OS-E302 "Offshore mooring chain" October 2013

Application :

to be used for Temporary Mooring
as defined in DNV-OS-E301, Position Mooring, October 2013

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

This Certificate is valid until **2019-08-31**.

Issued at **Høvik** on **2015-08-19**

DNV GL local station: **Jiangyin**

for **DNV GL**

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.

Product description

R4 and R5 grade material C Type Shaped Detachable Connecting Links for temporary mooring, for R3 and R4 chains from 50 mm to 102 mm diameter (23 sizes).

Note: Normally steel grade shall be the same for adjacent components from the same mooring line, using R4 (resp. R5) instead of R3 (resp. R4) is accepted exceptionally for temporary mooring for this approval.

Application/Limitation

The approval is conditional that the manufacturer is approved by DNVGL for R4 and R5 grade materials.

The Connecting Links are to be used in connection with chains for Temporary Mooring as defined in Offshore Standard DNV-OS-E301 "Position Mooring" October 2013. (They have not been approved for mobile nor long term offshore mooring).

The Connecting Links shall be manufactured and tested in accordance with Offshore Standard DNV-OS-E302 "Offshore Mooring Chain" October 2013.

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 DNV-OS-E302 October 2013.

Marking of product

Each Connecting Link shall be marked according to Offshore Standard DNV-OS-E302 October 2013 Ch2 Sec2 §1.4.1 & §3.9.

Periodical assessment

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