

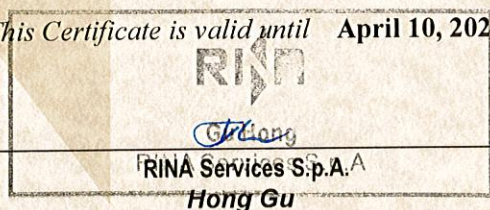


**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB326921WS

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Stud link anchor chain cables and accessories
<i>Type</i>	Grade Q2,Q3
<i>Manufacturer</i>	ASIAN STAR ANCHOR CHAIN CO., LTD. JIANGSU (ASAC)
<i>Place of manufacture</i>	DONGXING TOWN, JINGJIANG CITY 214533 Zhenjiang CHINA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA China Marine** on **October 18, 2021**. This Certificate is valid until **April 10, 2026**



This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB326921WS

Enclosure - Page 1 of 1

Grade Q2,Q3

APPROVAL CONDITIONS

- Steel type: Killed, fine-grained carbon-manganese steel
- Grade: Q2, Q3
- Chemical composition:
 - Grade Q2: in accordance with RINA Rules
 - Grade Q3: C<0.36%, Mn:1.0-1.90%; Si:0.15-0.55%; S and P<0.035%; Al>0.02%,
- Chain diameter: Max.152mm
- Condition of supply:
 - Normalized for Grade Q2
 - Quenched & Tempered for Grade Q3

Remarks:

- Raw material manufacturer for chains is to be approved by RINA.
- All chain cables and accessories classed with RINA is to meet the requirements of the RINA Rules and tested accordingly.

General conditions for the approval

- The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.
- RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

