



CERTIFICATE NUMBER  
SAC-T2307373

ISSUING OFFICE  
GCD Materials

# CERTIFICATE OF SHIP ANCHOR CHAIN OR ACCESSORY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of  
**JIANGSU ASIAN STAR ANCHOR CHAIN CO., LTD.**  
DONGXIN TOWN, JINGJIANG, China

attend its facilities as indicated in the ABS City CN Nantong Port (MLO) port office survey report number 5397117 dated 10 August 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

## ***Accessory and Chain components for marine applications***

in accordance with the ABS Approval letter (Reference T2307373), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 06 September 2027 subject to adherence to relevant ABS Rules and Survey requirements.

**Marcus Cridland**  
**Chief Metallurgist, ABS**

ISSUE DATE: 10 August 2022  
EXPIRY DATE: 06 September 2027

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.



**Task – T2307373**  
**Ship Anchor Chain and Accessory**  
**Manufacturer Approval – Renewal**  
**Certificate No. SAC-T2307373**

Attention: Mr. Li Jian, JIANGSU ASIAN STAR ANCHOR CHAIN CO., LTD. (WCN: 371336)

The documents shown in the attached list are reviewed in accordance with the applicable requirements of the following and the facility is considered approved to manufacture ship anchor chain & accessory as outlined in the process/product approval.

1. ABS Rules for Materials and Welding Part 2 (2022)

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request periodic quality audits or renewal of approval prior to the five year expiry date.

For any clarifications, contact Ms. Lin Li-Hong at +86-21-23270994, [llin@eagle.org](mailto:llin@eagle.org).

Very truly yours,

Wei-Biao (Bill) Shi  
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Application Form	N/A	Application Form	Filed by ABS for Reference Only
ISO 9001 Certificate	N/A	ISO 9001 Certificate	Filed by ABS for Reference Only
Declaration of No Change	N/A	Declaration of No Change	Reviewed
Declaration of No NC Product	N/A	Declaration of No NC Product	Filed by ABS for Reference Only
Statistical Data	N/A	Chemistry and Mechanical Properties	Reviewed

Electronic copies of the documents appropriately stamped are available in ABS Client Portal.

## Process/Product Approval

### Ship Anchor Chain and Accessory Approval

Product	Grade	Maximum Nominal Diameter <sup>1</sup>	Heat Treatment Facility	Delivery Condition <sup>2</sup>
Chain – Common Link, End & Enlarged Link	2a	90 mm	In-house	N
Accessory – Kenter Shackle, End & Joining Shackle, Swivel Shackle	2a	90 mm	In-house	N
<b>Steel bar Manufacturer:</b> 1. JIANGSU SHAGANG GROUP HUAIGANG SPECIAL STEEL CO., LTD. (WCN: 268939) 2. ZENITH STEEL GROUP CO., LTD. (WCN: 417087) 3. CHENG JIANLONG SPECIAL STEEL CO., LTD. (WCN: 430318) 4. NANJING IRON & STEEL CO., LTD. (WCN: 425274)				
Chain – Common Link, End & Enlarged Link	3a	152 mm	In-house	QT
Accessory – Kenter Shackle, End Shackle, Swivel Shackle	3a	152 mm	In-house	QT
Accessory – Joining Shackle	3a	122 mm	In-house	QT
<b>Steel bar Manufacturer:</b> 1. JIANGSU SHAGANG GROUP HUAIGANG SPECIAL STEEL CO., LTD. (WCN: 268939) 2. ZENITH STEEL GROUP CO., LTD. (WCN: 417087) 3. CHENG JIANLONG SPECIAL STEEL CO., LTD. (WCN: 430318) 4. NANJING IRON & STEEL CO., LTD. (WCN: 425274) 5. SUZHOU SUXIN SPECIAL STEEL CO., LTD. (WCN: 762204)				

Weld repair is not permitted on ship anchor chain and accessory.

#### Note

- Maximum nominal diameter is the diameter of the stud/studless chain link used during the proof and break load tests
- N: Normalized  
QT: Quenched and Tempered

Include: Manufacturer Approval Certificate (SAC-T2307373)