



中国船级社
CHINA CLASSIFICATION SOCIETY
工厂认可证书
CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No.
JS22PWA00077_02

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造厂/Manufacturer

江苏亚星锚链股份有限公司
Jiangsu Asian Star Anchor Chain Co., Ltd.

地址/Address

中国江苏省泰州市靖江市东兴镇
Dongxing Town, Jingjiang, Taixing City, Jiangsu, China

产品名称/Product

海上设施定位用系泊链及其附件
Offshore Mooring Chains and Accessories

附加标志/Notations

无/Nil.

认可标准/Approval Standard

1. 中国船级社《材料与焊接规范》(2022)及其变更通告第1篇第10章
Chapter 10, Part One of China Classification Society Rules for Materials and Welding 2022 and its Change Notices

用于/Intended for

船舶与海上设施/Ships and Offshore Installations

产品明细/Product Description

海上设施定位用系泊链及其附件/Offshore Mooring Chains and Accessories (M0001)

名称/Name	属性(值)/Value	单位/Unit
等级/Grade	R5	
最大链环名义直径/Max. Nominal Diameter of Chain Link	84	mm
制造方法/Method of Manufacture	闪光焊(链环), 锻造(附件) Flash Welding (Links), Forging (Accessories)	
交货状态/Condition of Supply	淬火加回火 Q+T	

批准的图纸/Approved Drawings

图纸批准号/Drawings Approval No.: JS22PWA00077

证书有效期至/This Certificate is valid until 2024年11月11日/Nov. 11, 2024

发证机构 中国船级社江苏分社
Issued by CCS Jiangsu Branch
签发日期 2022年09月15日
Date Sep. 15, 2022

本证书根据中国船级社规范和相关规定签发。所有证书页为一个整体,必须同时使用。纸质证书每页均须盖本社公章方为有效,电子证书含数字签名方为有效,本证书复印件无效。任何单位和个人均不应摘录或节选本证书的部分内容。有关方对所持证书的真实性有疑问时,可以向本社检验机构查询。This Certificate is issued pursuant to the Rules of the Society and related regulation. All pages of the certificate are taken as a whole and are used simultaneously. No paper certificate page is valid without bearing the stamp of the Society, no electronic certificates is valid without the digital signature, and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.

Form No: W01.

联系方式/Contact Us: 见本社官方网站/See official web site of the Society (<http://www.ccs.org.cn>)

UTN:P022-99003976



产品认可试验报告/Approval Test Report

试验报告编号/ Test Report No. : 20100604

试验报告日期/ Test Report Date : 2010-06-04

认可后的产品检验方式/Method of Product Inspection after Approval

按规范认可后应进行产品检验的产品/The product should be inspected in term of the rules:

认可后的产品检验应由本社验船师根据本社规范规定按批准的产品检验计划进行检验, 经检验合格后由本社颁发船用产品证书。

After approval, product inspection should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Marine Product Certificate will be issued by the Society upon satisfactory inspection.

认可保持条件/Maintenance Requirements of Approval

1. 工厂认可后, 如果图纸、技术文件、工艺规程有较大改变, 应征得本社同意。若改变涉及或影响到产品的设计、主要制造材料、关键工艺或产品的特性、特征, 则与特性有关的图纸和技术文件应经过本社审批, 并在检验机构认为必要时, 经本社检验人员到厂进行检查和见证有关试验, 其结果应能证实仍符合认可条件。

After works approval, if there are any major changes to the drawings, technical documents, specifications, prior consent should be obtained from the survey office of the Society. If the changes involve or affect product design, major construction materials, key workmanship or product characteristics and properties, drawings and technical documents related to properties are to be examined and approved by the Society and, where deemed necessary by the survey office, the surveyor to the Society will go to the manufacturer to inspect or witness relevant tests and the results of the tests should be able to demonstrate compliance with the approval conditions

2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 工厂认可证书获得者应接受本社每年一次的定期审核, 定期审核日为认可证书期满之日对应的每一周年日, 检查工作应在定期审核日的前后三个月内进行。Those who have obtained the certificate of works approval shall receive periodical audit done by the Society on an annual basis. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 认可证书有效期内, 如果出现可能导致本社暂停或撤消认可的情况, 工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to suspend or withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

备注/Remarks

本证书由原工厂认可证书 (No. JS21PWA00197_02) 换发。

This Certificate is issued and supersedes the previous Works Approval Certificate No. JS21PWA00197_02.

其他产品明细/Other Product Description:

产品名称/Product Name: 普通无档链环/Studless common link, 肯特卸扣/Kenter Shackle, 旋转卸扣/Swivel Shackle, 末端链环/End Links.

不包含替换环/Replacement link is not included.

原材料供方/Raw Material Supplier: 宝山钢铁股份有限公司/Baoshan Iron & Steel Co., Ltd.

中国船级社江苏分社
CCS Jiangsu Branch





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CHINA CLASSIFICATION SOCIETY
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CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No.
JS22PWA00077_03

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产品名称/Product

海上设施定位用系泊链及其附件
Offshore Mooring Chains and Accessories

附加标志/Notations

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认可标准/Approval Standard

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用于/Intended for

船舶与海上设施/Ships and Offshore Installations

产品明细/Product Description

海上设施定位用系泊链及其附件/Offshore Mooring Chains and Accessories (M0001)

名称/Name	属性(值)/Value	单位/Unit
等级/Grade	R3, R3S, R4, R4S, R6	
最大链环名义直径/Max. Nominal Diameter of Chain Link	详见附页 See Attached Page	mm
制造方法/Method of Manufacture	闪光焊 Flash Welding	
交货状态/Condition of Supply	淬火加回火 Q+T	

批准的图纸/Approved Drawings

图纸批准号/Drawings Approval No.: JS22PWA00077

产品认可试验报告/Approval Test Report

证书有效期至/This Certificate is valid until 2024年11月11日/Nov. 11, 2024

发证机构 中国船级社江苏分社
Issued by CCS Jiangsu Branch

签发日期 2022年09月15日
Date Sep. 15, 2022

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Form No: W01.

联系方式/Contact Us: 见本社官方网站/See official web site of the Society (<http://www.ccs.org.cn>)

UTN:P022-08828977



试验报告编号/ Test Report No. : YX20220801, JL2231679PL

试验报告日期/ Test Report Date : 2022-08-10

试验报告编号/ Test Report No. : YX20220601, JL2206009073PL, JL2206009074PL

试验报告日期/ Test Report Date : 2022-06-30

试验报告编号/ Test Report No. : 20201201

试验报告日期/ Test Report Date : 2020-12-30

试验报告编号/ Test Report No. : C200606-24522/24523, C200606-28813~C200606-28818

试验报告日期/ Test Report Date : 2020-11-28

试验报告编号/ Test Report No. : C200606-00138

试验报告日期/ Test Report Date : 2020-01-03

试验报告编号/ Test Report No. : 20181101

试验报告日期/ Test Report Date : 2018-11-14

试验报告编号/ Test Report No. : ZZ20190506

试验报告日期/ Test Report Date : 2019-05-23

试验报告编号/ Test Report No. : EB1903L094-01

试验报告日期/ Test Report Date : 2019-04-22

试验报告编号/ Test Report No. : 20190701

试验报告日期/ Test Report Date : 2019-07-24

试验报告编号/ Test Report No. : YX-20190201

试验报告日期/ Test Report Date : 2019-02-27

试验报告编号/ Test Report No. : 20130108

试验报告日期/ Test Report Date : 2013-01-08

试验报告编号/ Test Report No. : 20200901

试验报告日期/ Test Report Date : 2020-09-03

试验报告编号/ Test Report No. : YX20220602, JL2206006811PL

试验报告日期/ Test Report Date : 2022-06-30

试验报告编号/ Test Report No. : C190606-00228/00185/00178/00346/14899

试验报告日期/ Test Report Date : 2019-08-10

认可后的产品检验方式/Method of Product Inspection after Approval

按规范认可后应进行产品检验的产品/The product should be inspected in term of the rules:

认可后的产品检验应由本社验船师根据本社规范规定按批准的产品检验计划进行检验, 经检验合格后由本社颁发船用产品证书。

After approval, product inspection should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Marine Product Certificate will be issued by the Society upon satisfactory inspection.

认可保持条件/Maintenance Requirements of Approval

1. 工厂认可后, 如果图纸、技术文件、工艺规程有较大改变, 应征得本社同意。若改变涉及或影响到产品的设计、主要制造材料、关键工艺或产品的特性、特征, 则与特性有关的图纸和技术文件应经过本社审批, 并在检验机构认为必要时, 经本社检验人员到厂进行检查和见证有关试验, 其结果应能证实仍符合认可条件。

After works approval, if there are any major changes to the drawings, technical documents, specifications, prior consent should be obtained from the survey office of the Society. If the changes involve or affect product design, major construction materials, key workmanship or product characteristics and properties, drawings and technical documents related to properties are to be examined and approved by the Society and, where deemed necessary by the survey office, the surveyor to the Society will go to the manufacturer to inspect or witness relevant tests and the results of the tests should be able to demonstrate compliance with the approval conditions



2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

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4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

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Within the validity of the approval certificate, if cases occur that may cause the Society to suspend or withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

备注/Remarks

本证书由原工厂认可证书 (No. JS21PWA00197_03) 变更并替代原证书。

This Certificate is modified from and supersedes the previous Works Approval Certificate No. JS21PWA00197_03.

不包含替换环/Replacement link is not included.

中国船级社江苏分社

CCS Jiangsu Branch

注: 本证书含有附页, 共1页

Note: The certificate is attached with additional 1 page(s)



认可产品/ Approval Product	级别/Grade	链环名义直径/Nominal Diameter of Chain Link	原材料供方 / Raw Material Supplier
有档链/Stud-link anchor chain	R3 and R3S	$\leq \Phi 157\text{mm}$	江阴兴澄特种钢铁有限公司/Jiangyin Xingcheng Specail Steel Works Co.,Ltd.
有档链/Stud-link anchor chain	R4	$\leq \Phi 124\text{mm}$	
无档链/Studless anchor chain	R3 , R3S,R4	$\leq \Phi 220\text{mm}$	
无档链/Studless anchor chain	R4S	$\leq \Phi 200\text{mm}$	
末端环/End Links	R3 , R3S,R4,R4S	$\leq \Phi 184\text{mm}$	
有档链/Stud-link anchor chain, 无档链/Studless anchor chain	R3	$\leq \Phi 127\text{mm}$	江苏苏钢集团有限公司/ Jiangsu Suzhou Steel Group Co.,Ltd.
有档链/Stud-link anchor chain, 无档链/Studless anchor chain	R4	$\leq \Phi 147\text{mm}$	西宁特殊钢股份有限公司/ Xining Special Steel Co.,Ltd.
有档链/Stud-link anchor chain, 无档链/Studless anchor chain	R6	$\leq \Phi 107\text{mm}$	宝山钢铁股份有限公司/ Baoshan Iron & Steel Co.,Ltd.
末端环/End Links	R6	$\leq \Phi 89\text{mm}$	
末端环/End Links	R3S	$\leq \Phi 140\text{mm}$	
无档链/Studless anchor chain	R3S	$\leq \Phi 167\text{mm}$	
有档链/Stud-link anchor chain, 无档链/Studless anchor chain	R3	$\leq \Phi 167\text{mm}$	江苏沙钢集团淮钢特钢股份有限公司/Jiangsu Shagang Group Huaigang Special Steel CO., LTD.
末端环/End Links	R3	$\leq \Phi 140\text{mm}$	
有档链/Stud-link anchor chain, 无档链/Studless anchor chain	R4	$\leq \Phi 167\text{mm}$	石家庄钢铁有限责任公司特殊钢分公司/ Shijiazhuang Iron & Steel Co.,Ltd. Special Steel Branch
末端环/End Links	R4	$\leq \Phi 140\text{mm}$	





中国船级社
CHINA CLASSIFICATION SOCIETY
工厂认可证书
CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No.
JS22PWA00077_04

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制造厂/Manufacturer

江苏亚星锚链股份有限公司
Jiangsu Asian Star Anchor Chain Co., Ltd.

地址/Address

中国江苏省泰州市靖江市东兴镇
Dongxing Town, Jingjiang, Taixing City, Jiangsu, China

产品名称/Product

海上设施定位用系泊链附件
Accessories of Offshore Mooring Chains

附加标志/Notations

无/Nil.

认可标准/Approval Standard

1. 中国船级社《材料与焊接规范》(2022)及其变更通告第1篇第10章
Chapter 10, Part One of China Classification Society Rules for Materials and Welding 2022 and its Change Notices

用于/Intended for

船舶与海上设施/Ships and Offshore Installations

产品明细/Product Description

海上设施定位用系泊链附件/Accessories of Offshore Mooring Chains (M0001)

名称/Name	属性(值)/Value	单位/Unit
等级/Grade	R3, R3S, R4, R4S, R6	
最大链环名义直径/Max. Nominal Diameter of Chain Link	详见附页 See attached page	mm
制造方法/Method of Manufacture	锻造 Forging	
交货状态/Condition of Supply	详见附页 See attached page	

批准的图纸/Approved Drawings

图纸批准号/Drawings Approval No.: JS22PWA00077

产品认可试验报告/Approval Test Report

证书有效期至/This Certificate is valid until

2024年11月11日/Nov. 11, 2024

发证机构 中国船级社江苏分社
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签发日期 2022年09月15日
Date Sep. 15, 2022

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UTN:P022-05823992



试验报告编号/ Test Report No. : C160606-00619/00957/00928/00475

试验报告日期/ Test Report Date : 2016-12-28

试验报告编号/ Test Report No. : ZZ20190725

试验报告日期/ Test Report Date : 2019-07-25

试验报告编号/ Test Report No. : C190606-15114/00364/13135/10768/00307

试验报告日期/ Test Report Date : 2019-08-16

试验报告编号/ Test Report No. : 20190702

试验报告日期/ Test Report Date : 2019-07-24

试验报告编号/ Test Report No. : 20170601

试验报告日期/ Test Report Date : 2017-06-18

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认可保持条件/Maintenance Requirements of Approval

1. 工厂认可后, 如果图纸、技术文件、工艺规程有较大改变, 应征得本社同意。若改变涉及或影响到产品的设计、主要制造材料、关键工艺或产品的特性、特征, 则与特性有关的图纸和技术文件应经过本社审批, 并在检验机构认为必要时, 经本社检验人员到厂进行检查和见证有关试验, 其结果应能证实仍符合认可条件。

After works approval, if there are any major changes to the drawings, technical documents, specifications, prior consent should be obtained from the survey office of the Society. If the changes involve or affect product design, major construction materials, key workmanship or product characteristics and properties, drawings and technical documents related to properties are to be examined and approved by the Society and, where deemed necessary by the survey office, the surveyor to the Society will go to the manufacturer to inspect or witness relevant tests and the results of the tests should be able to demonstrate compliance with the approval conditions

2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 工厂认可证书获得者应接受本社每年一次的定期审核, 定期审核日为认可证书期满之日对应的每一周年日, 检查工作应在定期审核日的前后三个月内进行。Those who have obtained the certificate of works approval shall receive periodical audit done by the Society on an annual basis. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 认可证书有效期内, 如果出现可能导致本社暂停或撤消认可的情况, 工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to suspend or withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

备注/Remarks

本证书由原工厂认可证书 (No. JS21PWA00197_04) 换发。

This Certificate is issued and supersedes the previous Works Approval Certificate No. JS21PWA00197_04.

中国船级社江苏分社

CCS Jiangsu Branch

注: 本证书含有附页, 共1页

Note: The certificate is attached with additional 1 page(s)

第 2 页 共 2 页 / Page 2 of 2

Nº 21399502



其他产品明细/Other Product Description

产品名称 Product name	级别 Grade	名义链径 (mm) Nominal Diameter of Chain Link	交货状态 Condition of Supply	原材料供方/Raw Material Supplier
肯特卸扣/KS	R3,R3S,R4, R4S	≤ Φ 187	淬火加回火/Q+T	江阴兴澄特种钢铁有限公司 /Jiangyin Xingcheng Specail Steel Works Co.,Ltd.
末端卸扣/ES	R3,R3S,R4, R4S	≤ Φ 187	淬火加回火/Q+T	
H 卸扣/H Shackle	R3,R3S,R4, R4S	≤ Φ 187	淬火加回火/Q+T	
转环/SW	R3,R3S,R4,R4S	≤ Φ 137	正火加淬火加回火/N+Q+T	
转环卸扣/SWS	R3,R3S,R4	≤ Φ 102	正火加淬火加回火/N+Q+T	
末端连接卸扣/EJS	R3,R3S,R4, R4S	≤ Φ 187	淬火加回火/Q+T	
连接卸扣/JS	R3,R3S,R4, R4S	≤ Φ 187	淬火加回火/Q+T	江阴兴澄特种钢铁有限公司 /Jiangyin Xingcheng Specail Steel Works Co.,Ltd. 宝山钢铁股份有限公司/ Baoshan Iron & Steel Co.,Ltd.
肯特卸扣/KS	R6	≤ Φ 89	淬火加回火/Q+T	
末端卸扣/ES				
转环/SW				

