



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
CQ25PTB00114_01

型式认可证书
CERTIFICATE OF TYPE APPROVAL

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

赛洛克流体设备成都有限公司
Sailuoke Fluid Equipment Inc.

地址/Address

成都崇州经济开发区同心路156号
156 Tongxin Road, Chongzhou Economic Zone, Chengdu City, Sichuan Province, P. R. China

产品名称/Product

针阀
Needle Valve

认可标准/Approval Standard

- 中国船级社《钢质海船入级规范》第3篇第2章
Chapter 2, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships

用于/Intended for

船舶/Ships

产品明细/Product Description

阀门/Valve (M0001)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	详见附页 See additional page(s)	
公称通径/Nominal Diameter	详见附页 See additional page(s)	
公称压力/Nominal Pressure	详见附页 See additional page(s)	
适用温度/Applicable Temperature	详见附页 See additional page(s)	
阀体材质/Valve Body Material	详见附页 See additional page(s)	
适用介质/Applicable Medium	详见附页 See additional page(s)	

证书有效期至/This Certificate is valid until 2031年03月08日/ Mar. 08,2031

发证机构/中国船级社重庆分社
Issued by China Classification Society Chongqing Branch

签发日期 2026年03月09日
Date Mar. 09,2026

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Form No: T01.

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:P026-00226265

批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : CQ25PPP20316

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : FM-2026-02-10

试验报告日期/ Test Report Date : 2026-02-10

试验单位/ Laboratory: 赛洛克流体设备成都有限公司 Sailuoke Fluid Equipment Inc.

试验单位地址/ Test Address:

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. 型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results 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. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 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 withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

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.

备注/Remarks

本社已审核了产品厂无石棉声明, 但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society.

However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社重庆分社

CCS Chongqing Branch

注: 本证书含有附页, 共1页

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

针阀/Needle Valve

序号 NO.	产品型号 Product Type	公称通径 Nominal Diameter	公称压力 Nominal Pressure	阀体材质 Valve Body Material	主要非金属 密封材质 Main non-metallic sealing material	适用介质 Applicable Medium	适用温度 Applicable Temperature
1	NV1-P1-P2-15SQ-RA1-316	DN15	4350psi (30MPa)	316	PTFE	空气、氢气、氧 气、氦气、氮气 、天然气、淡水 、海水、石油 Air, Hydrogen, Oxygen, Helium, Nitrogen, Natural gas, Fresh water, Sea water, Oil	-65~450° F (-53~232°C)
2	NV1-P1-P2-15SQ-RA1-316L	DN15		316L	PTFE		
3	NV1-P1-P2-15SQ-Y-RA1-316	DN15		316	PTFE		
4	NV1-P1-P2-15SQ-Y-RA1-316L	DN15		316L	PTFE		
5	NV1-P1-P2-11SQ-RA1-316	DN11		316	PTFE		
6	NV1-P1-P2-11SQ-RA1-316L	DN11		316L	PTFE		
7	NV1-P1-P2-11SQ-Y-RA1-316	DN11		316	PTFE		
8	NV1-P1-P2-11SQ-Y-RA1-316L	DN11		316L	PTFE		
9	NV1-P1-P2-06SQ-RA1-316	DN6		316	PTFE		
10	NV1-P1-P2-06SQ-RA1-316L	DN6		316L	PTFE		
11	NV1-P1-P2-06SQ-Y-RA1-316	DN6		316	PTFE		
12	NV1-P1-P2-06SQ-Y-RA1-316L	DN6		316L	PTFE		
13	NV1-P1-P2-04SQ-RA1-316	DN4		316	PTFE		
14	NV1-P1-P2-04SQ-RA1-316L	DN4		316L	PTFE		
15	NV1-P1-P2-04SQ-Y-RA1-316	DN4		316	PTFE		
16	NV1-P1-P2-04SQ-Y-RA1-316L	DN4		316L	PTFE		
17	NV1-P1-P2-06SQ-RA1-A400	DN6		N04400	PTFE		
18	NV1-P1-P2-06SQ-Y-RA1-A400	DN6		N04400	PTFE		
19	NV1-P1-P2-04SQ-RA1-A400	DN4		N04400	PTFE		
20	NV1-P1-P2-04SQ-Y-RA1-A400	DN4		N04400	PTFE		-40~450° F (-40~232°C)

*****本证书附页完/End of additional Pages*****



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
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型式认可证书
CERTIFICATE OF TYPE APPROVAL

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地址/Address

成都崇州经济开发区同心路156号
156 Tongxin Road, Chongzhou Economic Zone, Chengdu City, Sichuan Province, P. R. China

产品名称/Product

球阀
Ball Valve

认可标准/Approval Standard

- 中国船级社《钢质海船入级规范》第3篇第2章
Chapter 2, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships

用于/Intended for

船舶/Ships

产品明细/Product Description

球阀/Ball Valve (M0001)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	详见附页 See additional page(s)	
公称直径/Nominal Diameter	详见附页 See additional page(s)	
公称压力/Nominal Pressure	详见附页 See additional page(s)	
适用温度/Applicable Temperature	详见附页 See additional page(s)	
阀体材质/Valve Body Material	详见附页 See additional page(s)	
适用介质/Applicable Medium	详见附页 See additional page(s)	



证书有效期至/This Certificate is valid until 2031年03月08日/ Mar. 08,2031

发证机构/中国船级社重庆分社
Issued by: China Classification Society Chongqing Branch

签发日期 2026年03月09日
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Form No: T01.

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:P026-90274072

批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : CQ25PPP20316

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : FM-2026-02-10

试验报告日期/ Test Report Date : 2026-02-10

试验单位/ Laboratory: 赛洛克流体设备成都有限公司 Sailuoke Fluid Equipment Inc.

试验单位地址/ Test Address:

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:

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备注/Remarks

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The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society.
However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社重庆分社
CCS Chongqing Branch

注: 本证书含有附页, 共1页

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

球阀/Ball Valve

序号 NO.	产品型号 Product Type	公称直径 Nominal Diameter	公称压力 Nominal Pressure	阀体材质 Valve Body Material	主要非金属 密封材质 Main non-metallic sealing material	适用介质 Applicable Medium	适用温度 Applicable Temperature
1	BV1-P1-P2-P10-316	DN10	4350psi (30MPa)	316	PEEK	空气、氢气、氧气、 氦气、氮气、天然气 、淡水、海水、石油 Air, Hydrogen, Oxygen, Helium, Nitrogen, Natural gas, Fresh water, Sea water, Oil	-40~450° F (-40~232°C)
2	BV1-P1-P2-P10-316L	DN10		316L			
3	BV1-P1-P2-P06-316	DN6		316			
4	BV1-P1-P2-P06-316L	DN6		316L			

*****本证书附页完/End of additional Pages*****



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CHINA CLASSIFICATION SOCIETY

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地址/Address

成都崇州经济开发区同心路156号
156 Tongxin Road, Chongzhou Economic Zone, Chengdu City, Sichuan Province, P. R. China

产品名称/Product

单向阀
Check Valve

认可标准/Approval Standard

- 中国船级社《钢质海船入级规范》第3篇第2章
Chapter 2, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships

用于/Intended for

船舶/Ships

产品明细/Product Description

阀门/Valve (M0001)

名称/Name	属性(值)/Value	单位/Unit
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UTN:P026-28003823

批准的图纸/Approved Drawings

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本社已审核了产品厂无石棉声明，但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society.

However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社重庆分社

CCS Chongqing Branch

注：本证书含有附页，共1页

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

单向阀/Check Valve

序号 NO.	产品型号 Product Type	公称直径 Nominal Diameter	公称压力 Nominal Pressure	阀体材质 Valve Body Material	主要非金属 密封材质 Main non-metallic sealing material	适用介质 Applicable Medium	适用温度 Applicable Temperature
1	CV1-P1-P2-V-X-316	DN12、DN6、DN4	3000psi (20.6MPa)	316	氟橡胶O型圈 Viton O-Ring	空气、氢气、氧气、氦气、氮气、天然气、淡水、海水、石油 Air, Hydrogen, Oxygen, Helium, Nitrogen, Natural gas, Fresh water, Sea water, Oil	-10~400° F (-23~204°C)
2	CV1-P1-P2-V-X-316L	DN12、DN6、DN4		316L			
3	CV1-P1-P2-V-X-A400	DN6、DN4		N04400			-40~450° F (-40~232°C)

*****本证书附页完/End of additional Pages*****



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
CQ25PTB00114_04

型式认可证书
CERTIFICATE OF TYPE APPROVAL

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

赛洛克流体设备成都有限公司
Sailuoke Fluid Equipment Inc.

地址/Address

成都崇州经济开发区同心路156号
156 Tongxin Road, Chongzhou Economic Zone, Chengdu City, Sichuan Province, P. R. China

产品名称/Product

过滤器
Filter

认可标准/Approval Standard

- 中国船级社《钢质海船入级规范》第3篇第2、4、6章
Chapter 2, 4 and 6, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships

用于/Intended for

船舶/Ships

产品明细/Product Description

滤器/Filter (M0001)

名称/Name	属性(值)/Value	单位/Unit
类型/Type	详见附页 See additional page(s)	
公称通径/Nominal Diameter	详见附页 See additional page(s)	
公称压力/Nominal Pressure	详见附页 See additional page(s)	
设计温度/Design Temperature	详见附页 See additional page(s)	
本体材料/Body Material	详见附页 See additional page(s)	
适用介质/Applicable Medium	详见附页 See additional page(s)	

证书有效期至/This Certificate is valid until 2031年03月08日/Mar. 08,2031

发证机构/Issued by 中国船级社重庆分社
CHINA CLASSIFICATION SOCIETY Chongqing Branch

签发日期/Date 2026年03月09日
Mar. 09,2026

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。纸质证书每页均须由本社盖章方为有效，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咨询。本证书凡是未注明版本的规范，其（发证时）最新版本适用于本证书。
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. For Rules with no version indication, their latest version (at the time of issuance of the certificate) applies to the certificate.



Form No: T01.

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:P026-51673523

批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : CQ25PPP20330

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : GLQ-2025-11-25

试验报告日期/ Test Report Date : 2025-11-25

试验单位/ Laboratory: 赛洛克流体设备成都有限公司 Sailuoke Fluid Equipment Inc.

试验单位地址/ Test Address:

试验报告编号/ Test Report No. : GLQ-2026-02-10

试验报告日期/ Test Report Date : 2026-02-10

试验单位/ Laboratory: 赛洛克流体设备成都有限公司 Sailuoke Fluid Equipment Inc.

试验单位地址/ Test Address:

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. 型式认可后，如果产品及其重要零部件的设计、所用材料或制造方法有所改变，且影响到产品的主要特性、特征；或产品的性能指标有所更改，且超过认可的范围，则有关图纸和文件应经检验机构审批。并在检验机构认为必要时，经本社检验人员见证有关试验和进行检查，其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results 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. 认可证书有效期内，如果出现可能导致本社取消认可的情况，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 withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

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.

备注/Remarks

本社已审核了产品厂无石棉声明，但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society.

However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社重庆分社

CCS Chongqing Branch

注：本证书含有附页，共1页

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

过滤器/Filter

序号	类型 Type	公称通径 Nominal Diameter	公称压力 Nominal Pressure	本体材料 Body Material	适用介质 Applicable Medium	设计温度 Design Temperature
1	F1-P1-X-316	DN8、DN4	4350psi (30MPa)	316	空气、氢气、氧气、氦气、氮气、 天然气、淡水、海水、石油 Air, Hydrogen, Oxygen, Helium, Nitrogen, Natural gas, Fresh water, Sea water, Oil	-20~900° F (-28~482°C)
2	F1-P1-X-316L			316L		
3	F1-P1-X-A400	DN4		N04400		

*****本证书附页完/End of additional Pages*****



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
CQ25PTB00114_05

型式认可证书
CERTIFICATE OF TYPE APPROVAL

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

赛洛克流体设备成都有限公司
Sailuoke Fluid Equipment Inc.

地址/Address

成都崇州经济开发区同心路156号
156 Tongxin Road, Chongzhou Economic Zone, Chengdu City, Sichuan Province, P. R. China

产品名称/Product

机械接头
Mechanical Joint

附加标志/Notations

无/Nil.

认可标准/Approval Standard

1. 中国船级社《钢质海船入级规范》第3篇第2章
Chapter 2, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships

证书有效期至/This Certificate is valid until 2031年03月08日/ Mar. 08,2031

发证机构/Issued by 中国船级社重庆分社
China Classification Society Chongqing Branch

签发日期/Date 2026年03月09日
Mar. 09,2026

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。纸质证书每页均须由本社盖章方为有效，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咨询。本证书凡是未注明版本的规范，其（发证时）最新版本适用于本证书。
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. For Rules with no version indication, their latest version (at the time of issuance of the certificate) applies to the certificate.



Form No: T01.

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:P026-95966215

用于/Intended for

船舶/Ships

产品明细/Product Description**机械接头/Mechanical Joint (M0001)**

名称/Name	属性(值)/Value	单位/Unit
型式/Model	典型压力型 Typical Pressure Type	
型号/Type	详见附页 See additional page(s)	
公称直径/Nominal Diameter	详见附页 See additional page(s)	
设计温度/Design Temperature	详见附页 See additional page(s)	
最大设计压力/Maximum Design Pressure	详见附页 See additional page(s)	
壳体材料/Casing Material	详见附页 See additional page(s)	

批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : CQ25PPP20330

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : JXJT-2025-11-25

试验报告日期/ Test Report Date : 2025-11-25

试验单位/ Laboratory: 赛洛克流体设备成都有限公司 Sailuoke Fluid Equipment Inc.

试验单位地址/ Test Address:

试验报告编号/ Test Report No. : JXJT-2026-02-10

试验报告日期/ Test Report Date : 2026-02-10

试验单位/ Laboratory: 赛洛克流体设备成都有限公司 Sailuoke Fluid Equipment Inc.

试验单位地址/ Test Address:

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

按规范只认可不进行产品检验的产品/The product approved only in term of the rules:

认可后的产品由制造厂检验合格后签发合格证明, 并连同该产品的本社认可证书复印件一并交付用户, 制造厂对产品符合公约、法规、本社规范和本社认可的标准规定负责。

After approval, product inspection should be carried out by the Manufacturer. Upon satisfactory inspection, and the Quality Certificate issued by the Manufacturer should be provided to the purchaser together with the copy of the approval certificate issued by the Society. The manufacturer should take responsibility for the product being in compliance with the convention, statutory regulation, the Society rules and the standard accepted by the Society.

认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results 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. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 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

withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

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.

备注/Remarks

机械接头的安装和使用应符合中国船级社《钢质海船入级规范》第3篇第2章第5节2.5.3条款和制造厂使用说明文件的要求。

The installation and using of mechanical joint above should be complied with Article 2.5.3 of Section 5, Chapter 2, Part Three of China Classification Society Rules for Classification of SeaGoing Steel Ships as well as the document or manual of manufacturer.

本证书所述机械接头耐火试验程序是：30min干烧。

The Fire resistance test procedure of mechanical joints described in this certificate is 30 minutes dry.

本社已审核了产品厂无石棉声明，但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社重庆分社

CCS Chongqing Branch

注：本证书含有附页，共1页

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

机械接头/Mechanical Joint

序号 No.	产品型号 Product Type	公称通径 Nominal Diameter	最大设计压力 Maximum Design Pressure	壳体材料 Casing Material	适用介质 Applicable Medium	设计温度 Design Temperature
1	P1-FBT-P2-P3-316/316L	DN2.3~DN15.7	4350psi (30MPa)	316/316L	空气、氢气、氧气、 氦气、氮气、天然气、 淡水、海水、石油 Air, Hydrogen, Oxygen, Helium, Nitrogen, Natural gas, Fresh water, Sea water, Oil	316、A400材质： -65~1000° F (-53~537℃) 316L材质： -65~850° F (-53~454℃)
2	P1-FE-P2-316/316L					
3	P1-FRT-P2-P3-316/316L					
4	P1-MC-P2-316/316L					
5	P1-ME-P2-316/316L					
6	P1-MRT-P2-P3-316/316L					
7	P1-UE-P2-316/316L					
8	P1-U-P2-316/316L					
9	P1-UT-P2-P3-316/316L					
10	P1-FC-P2-316/316L					
11	P1-BU-P2-316/316L					
12	P1-UC-P2-P3-P4-316/316L					
13	P1-MBT-P2-P3-316/316L	DN2.3~10.4		4350psi (30MPa)		
14	P1-FBT-P2-P3-A400					
15	P1-FE-P2-A400					
16	P1-FRT-P2-P3-A400					
17	P1-MBT-P2-P3-A400					
18	P1-MC-P2-A400					
19	P1-ME-P2-A400					
20	P1-MRT-P2-P3-A400					
21	P1-UE-P2-A400					
22	P1-U-P2-A400					
23	P1-UT-P2-P3-A400					
24	P1-FC-P2-A400					
25	P1-BU-P2-A400					

*****本证书附页完/End of additional Pages*****