



中国船级社
CHINA CLASSIFICATION SOCIETY

证书格式号/Form: W01.00-
HQ000003

工厂认可证书 CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No. CQ07W00005

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 as described in the certificate.

制造厂/Manufacturer

四川大西洋焊接材料股份有限公司

Atlantic China Welding Consumables, INC.

四川省自贡市大安区马冲口街2号

No.2, Machongkou Street, Daan District, Zigong City, Sichuan

认可产品/Product Approved

焊接材料

MARINE WELDING CONSUMABLE

认可标准/Approval Standard

1. 中国船级社《材料与焊接规范》(2006)第三篇, 第一、二章
Chapter 1&2, Part Three of CCS Rules for Materials and Welding 2006

证书有效期至/ This Certificate is valid until 2011年8月16日 / Aug. 16, 2011

发证机构 中国船级社重庆分社
Issued by CCS Chongqing Branch

签发日期 2007年8月17日
Date Aug. 17, 2007

本证书根据中国船级社规范及有关程序规定签发。关于证书的有关规定见本证书背面的说明。当本证书包括多页纸张时, 则所有证书页为一个整体, 必须同时使用。每一页证书均须由本社盖章方为有效。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。本认可证书不代表本社对实物产品质量的最终确认。有关各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。
This Certificate is issued pursuant to the Rules and related procedures of the Society. Refer to the back of the certificate for detailed requirements of the certificate.
When the certificate consists of more than one page, all pages of the certificate are taken as a whole and are used simultaneously. No certificate pages is valid without bearing the stamp of the Society 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 form. This approval certificate does not constitute the final confirmation of the Society about the quality of the actual product. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.



CQ32290017

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CCS Mansion, 9 Dongzhimen Nan Da Jie, Beijing 100007, China 网址/Web Site: <http://www.ccs.org.cn>
本地检验机构/CCS Local Office: 中国船级社重庆分社 CCS Chongqing Branch 电话/Tel: 0086-023-6382712 传真/Fax: 0086-023-63842535

产品明细/Product Description

批准的图纸和设计计算书/ Approved Drawings and Design Calculations

图纸批准号/ Drawings Approval No. :

产品认可试验报告/Approval Test Report

试验报告编号/Test Report No. : 07056/07057/07058/07059/07060

试验报告日期/Test Report Date: : 2007-05-09

试验单位/ Laboratory: : 国家焊接材料质量监督检验中心
National Quality Supervision and Test Center of
Welding Consumables

试验单位地址/ Test Address: : 中国黑龙江省哈尔滨市南岗区和兴路111号
Haerbin City, Heilongjiang, China

试验报告编号/Test Report No. : /

试验报告日期/Test Report Date: : 2007-06-12

试验单位/ Laboratory: : 四川大西洋焊接材料股份有限公司检测所
Inspection Department of Atlantic China Welding
Consumables, INC.

试验单位地址/ Test Address: : 中国四川省自贡市
Zigong City, Sichuan, China

产品适用范围/Application of the Product

船舶。For Ships.

认可保持条件/ Maintenance Requirements of Approval

工厂认可后, 如果图纸、技术文件、工艺规程或质量管理体系有较大改变, 应征得检验机构同意。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 or quality management system, 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. 在工厂认可证书有效期内, 制造厂应每年度申请定期审核(年度复查)。定期审核应在认可证书签发的周年日前后3个月内进行。

Within the validity of the Certificate of Works Approval, the manufacturer is to apply for periodical audit (annual review) every year. The periodical audit is to be carried out within 3 months before and after the anniversary date when the certificate is issued.

认可后的产品检验方式/ Method of product inspection after approval

产品认可后的单件/单批检验应由本社验船师按批准的产品检验计划进行, 经检验合格后由本社颁发产品证书。

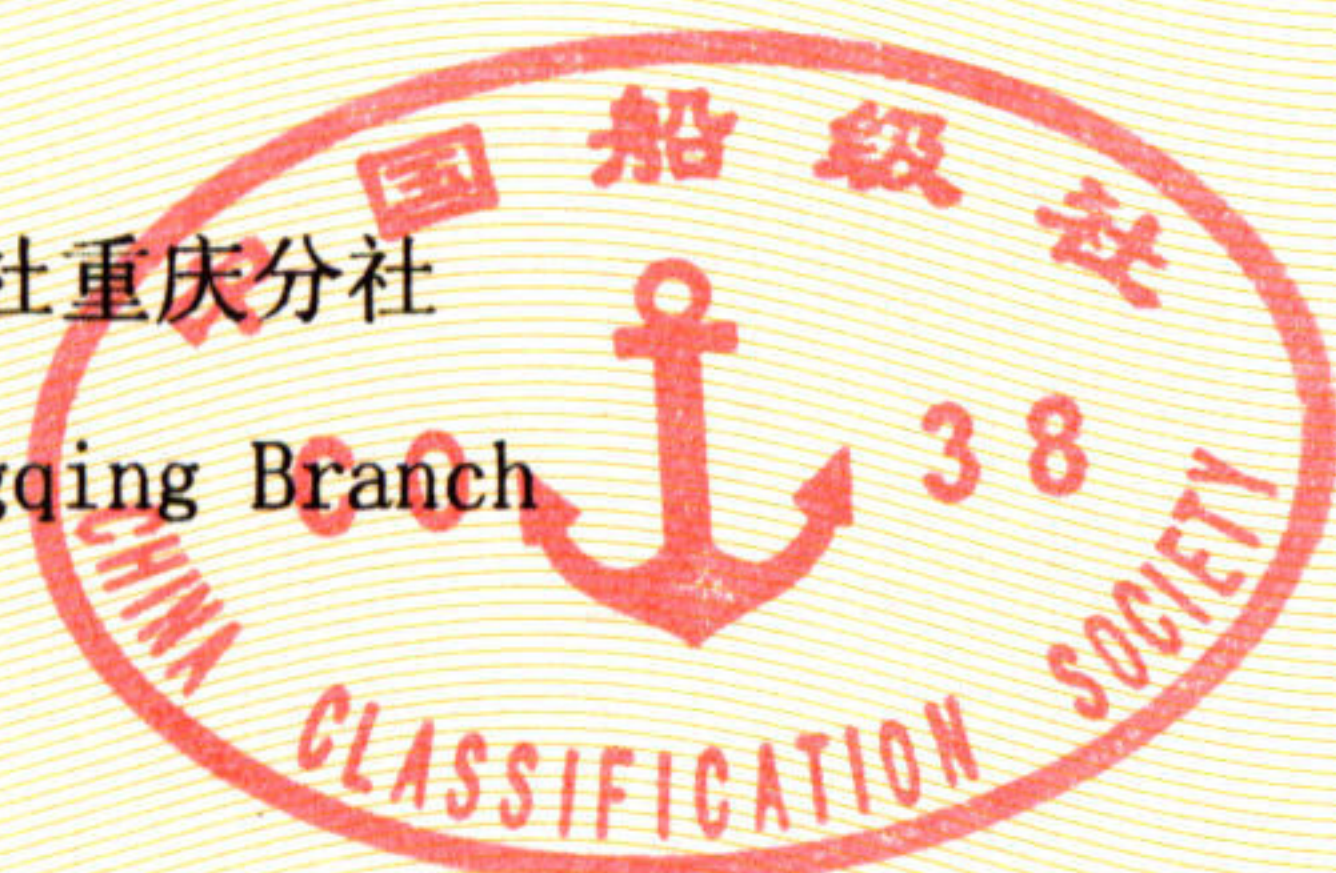
After product approval, UNIT/BATCH INSPECTIONS should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Product Certificate will be issued by the Society upon satisfactory inspection.

其他/ Others

本证书由原CQ06W00006证书换证。

中国船级社重庆分社

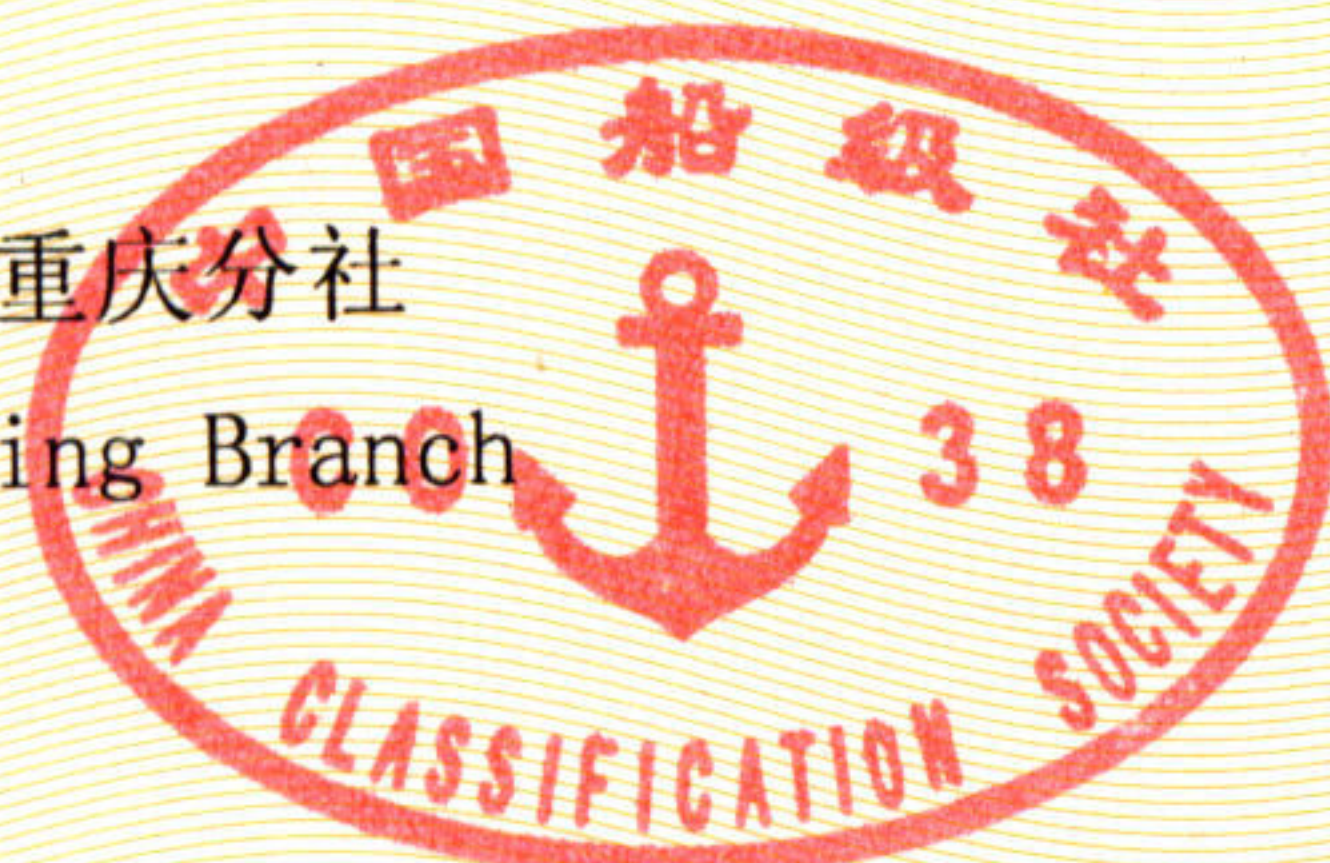
CCS Chongqing Branch



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商标 Trade Mark	材料名称 Name of Consumables	牌号 (型号) Brand(Model)	认可 等级 Grade	焊接 位置 Position	电流极性 Current Polarity	规格 Specification (mm)
大西洋 Atlantic	船用手工电 弧焊条 Marine Electrode for Manual Arc Welding	CHE40(E4313)	2	F O H Vu	AC DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
		CHE42(E4303)	3	F O H Vu	AC DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
		CHE421Fe18(4324)	2	F	AC DC+	φ 3.2 φ 4.0, φ 5.0
		CHE43(E4301)	2	F O H Vu	AC DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
		CHE47(E4315)	3H10	F O H Vu	DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
		CHE50(E5015)	3YH10	F O H Vu	DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
		CHE501Fe18(E5024)	2Y	F	AC DC+	φ 3.2 φ 4.0, φ 5.0
		CHE56(E5016)	3YH10	F O H Vu	AC DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
		CHE58-1(E5018-1)	3YH5	F O H Vu	DC+	φ 2.5, φ 3.2 φ 4.0, φ 5.0
	埋弧自动焊 用 焊丝—焊剂 Wire-flux Combinations For Submerged Arc Automatic Welding	CHF43/CHW-S1 (F4A2/H08A)	3M	F	AC DC+	Wire: φ 2.5, φ 3.2, φ 4.0, φ 5.0, φ 5.8 Flux: 40-8 Mesh
		CHF101/CHW-S3 (F5A2/H10Mn2)	3YM 3YT(最大钢板厚 度/The Max. Thickness of Steel Plate: ≤20mm)	F	AC DC+	Wire: φ 2.5, φ 3.2, φ 4.0, φ 5.0, φ 5.8 Flux: 60-12 Mesh
		CHF101/CHW-S2 (F4A2/H08MnA)	3M	F	AC DC+	Wire: φ 2.5, φ 3.2, φ 4.0, φ 5.0 Flux: 60-10 Mesh
	药芯焊丝 Flux-cored wire	CHT711/CO2	3YSM H10	F O H Vu Vd	DC+	φ 1.2, φ 1.4, φ 1.6

中国船级社重庆分社
CCS Chongqing Branch





中国船级社
CHINA CLASSIFICATION SOCIETY

证书格式号/Form: W01.00-
HQ000984

工厂认可证书 CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No. CQ07W00004

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 as described in the certificate.

制造厂/Manufacturer

自贡大西洋焊丝制品有限公司

Zigong Atlantic Welding Wires Co., Ltd.

中国四川省自贡市大安人民路66号

Zigong, Sichuan

认可产品/Product Approved

船用CO2气体保护焊丝

WIRE FOR CO2 GAS SHIELDED WELDING

认可标准/Approval Standard

1. 中国船级社《材料与焊接规范》(2006)第三篇,第二章,第一、二、五节
Sections 1,2&5, Chapter 2, Part Three of CCS Rules for Materials and Welding 2006

证书有效期至/ This Certificate is valid until 2011年8月16日 / Aug. 16, 2011

发证机构
Issued by 中国船级社重庆分社
CCS Chongqing Branch

签发日期
Date

2007年8月17日
Aug. 17, 2007

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CCS Mansion, 9 Dongzhimen Nan Da Jie, Beijing 100007, China 网址/Web Site: <http://www.ccs.org.cn>
本地检验机构/CCS Local Office: 中国船级社重庆分社 CCS Chongqing Branch 电话/Tel: 0086-023-6382712 传真/Fax: 0086-023-63842535

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Nº 06708064

产品明细/Product Description

船用CO2气体保护焊丝/WIRE FOR CO2 GAS SHIELDED WELDING

牌号(型号)/Brand(Model)	: CHW-50C6SM
认可等级/Grade	: 3YSM
规格/Specification	: $\Phi 0.8 \sim 1.6$ mm
保护气体/Gas shield	: CO2
商标/Trade Mark	: 大西洋/Atlantic
焊接位置/Position	: F/O/H/Vu
电流极性/Current polarity	: DC+

批准的图纸和设计计算书/ Approved Drawings and Design Calculations

图纸批准号/ Drawings Approval No. :

产品认可试验报告/Approval Test Report

试验报告编号/Test Report No.	:	/
试验报告日期/Test Report Date:	:	2007-06-12
试验单位/ Laboratory:	:	四川大西洋焊接材料股份有限公司检测所 Inspection Department of Atlantic China Welding Consumables, INC.
试验单位地址/ Test Address:	:	中国四川省自贡市 Zigong City, Sichuan, China

产品适用范围/Application of the Product

船舶。For Ships.

认可保持条件/ Maintenance Requirements of Approval

工厂认可后, 如果图纸、技术文件、工艺规程或质量管理体系有较大改变, 应征得检验机构同意。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 or quality management system, 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. 在工厂认可证书有效期内, 制造厂应每年度申请定期审核(年度复查)。定期审核应在认可证书签发的周年日前后3个月内进行。Within the validity of the Certificate of Works Approval, the manufacturer is to apply for periodical audit (annual review) every year. The periodical audit is to be carried out within 3 months before and after the anniversary date when the certificate is issued.

认可后的产品检验方式/ Method of product inspection after approval

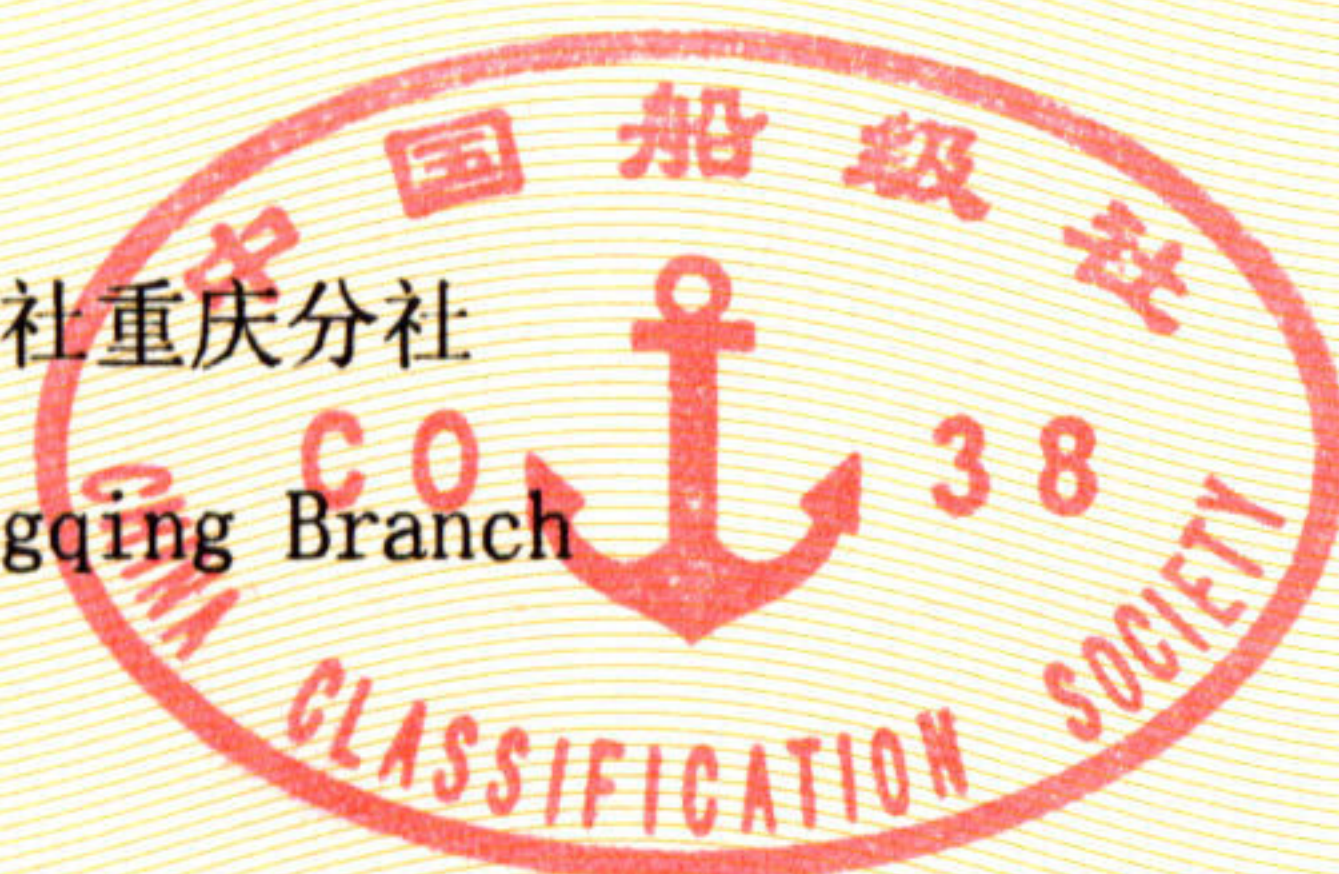
产品认可后的单件/单批检验应由本社验船师按批准的产品检验计划进行, 经检验合格后由本社颁发产品证书。After product approval, UNIT/BATCH INSPECTIONS should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Product Certificate will be issued by the Society upon satisfactory inspection.

其他/ Others

本证书由原CQ06W00010证书换证。

中国船级社重庆分社

CCS Chongqing Branch



*****本证书正文完/ End of Text*****