

#### **Bremick Pty Ltd**

ABN 68 000 496 131

290 Kurrajong Road Prestons 2170 NSW PO Box 6070 Alexandria NSW 2015 Tel: +61 2 8332 1501

Fax: +61 2 9690 1474

#### ATTESTATION OF PRODUCT CONFORMITY

**TEST REPORT NUMBER:** 56786-12040-624111245 **DATE OF ISSUE:** 30/04/2025

**CERTIFICATE NUMBER:** 00120Q31689R6M/3302

Bremick Fasteners manufactured K0 8.8 STRUCTURAL ASSEMBLIES M12 x 40, job number 56786 to meet the technical requirements of AS/NZS 1252.1:2016, and comply with the verification testing requirements of AS/NZS 1252.2:2016.

Initial Type Third Party Testing has been conducted by Ningbo Zhongji Inspection of Machinery Parts Co, Ltd, an ILAC accredited laboratory.

The Assembly Test requirements (as required by AS/NZS1252.2:2016) have also been conducted by the same ILAC Laboratory.

The remainder of the testing requirements for AS/NZS 1252.2:2016 have been performed by the Bremick NATA accredited Laboratory that complies to ISO/IEC 17025. The Bremick NATA accreditation number is 15567.

Product K0 8.8 STRUCTURAL ASSEMBLIES M12 x 40, job number 56786 has been tested and complies with AS/NZS 1252.1:2016 and AS/NZS 1252.2:2016 and are supported by the attached documentation.

Authorised Bremick representative

Afshin Mohammadiazar, Quality and Technical Manager





## Certificate of Conformity of Factory Production Control

This certificate is issued to:

Manufacturer: Bremick PTY LTD

Approved factory No. 3

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product:

### High-strength Structural Bolting Assemblies for Preloading

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

## EN 14399-1:2015 High-strength Structural Bolting Assemblies for Preloading – Part 1: General Requirements

under system 2+ are applied and that the factory production controls fulfil all the prescribed requirements set out above.

The attached Schedule, of the same date, details the manufacturing location(s), harmonised product standard and product parameters and shall form a part of this certificate.

This Certificate will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Certificate No: 0343/CPR/SHA/BJG6041035/01

Original Approval: 10 November 2016
Current Certificate: 01 April 2024
Expiry Date: 09 November 2025

LRQA Notified Body Number: 0343



LRQA Nederland B.V. (Reg. no. 24247948) a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

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# Certificate of Conformity of Factory Production Control No: 0343/CPR/SHA/BJG6041035/01 Schedule

Manufacturer: Bremick PTY LTD

Approved factory No. 3

Manufacturing Location and

Standard, Grade and Size

**Products** 

Bremick approved factory 3

-Bolt EN14399-3

-Nut M (12-36) X (30-200) — 8.8/10.9 — HR

M (12-36) — 8/10—HR

-Bolt EN14399-4

-Nut M (12-36) X (30-200) — 10.9 — HV

M (12-36) — 10 — HV

-Bolt EN14399-10

-Nut M (12-36) X (30-200) —10.9 — HRC

M (12-36) — 10 — HRC

-Washer EN14399-5

D (12-36)

-Washer EN14399-6

D (12-36)

Remark of finished surface coating type: hot dip galvanizing, electrolytic zinc plating, black/self-color

Schedule Issue: 03

Date of Schedule Issue: 01 April 2024

LRQA Notified Body Number 0343

Kevin Wu on behalf of LRQA Nederland B.V.

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LRQA NL BV CPR Certificate Template Rev 0 2024-01

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### Structural Assembly K0 Range



TEST REPORT No: 56786-12040-624111245 DATE OF ISSUE: 30/04/2025 HEAD No: A20

#### **Product Information**

CODE	K08MG120401	JOB NUMBER	56786
DESCRIPTION	K0 8.8 STRUCTURAL ASSEMBLIES M12 x 40	MANUFACTURE LOT QTY	11100
STANDARD	AS 1252.1-2016	TEST QTY	5
QUALITY SYSTEM	GB/T19001-2016/ISO9001:2015	CERTIFICATE NUMBER	00120Q31689R6M/3302

#### **Chemical Composition**

Complies to ISO898.1~2/AS4291.1~2

PART	HEAT No	С %	Mn %	Р%	S %	В%
REQUIRED		0.25~0.55	N/A	0.025 max	0.025 max	0.003 max
BOLT	624111245	0.34	0.76	0.02	0.008	0
REQUIRED		0.58 max	0.25 min	0.060 max	0.150 max	N/A
NUT	624111538	0.35	0.75	0.015	0.004	0
REQUIRED		N/A	N/A	N/A	N/A	N/A
WASHER	HB3007222	0.44	0.75	0.016	0.008	0

#### **Mechanical Properties**

Tested to AS/NZS1252.1-2016 Table B1

BOLT						
TEST	REQUIREMENT	RESULT				
Hardness	d <= 16mm 22~32 HRC d > 16mm 23~34 HRC	27-28				
Wedge Test 6 º	d <= 16mm 800MPa d > 16mm 830 MPa	956-966				
Yield	640 MPa	755-765				
Proof Stress	d <= 16mm 580 MPa d > 16mm 600 MPa	PASS				

	NUT	
TEST	REQUIREMENT	RESULT
Hardness	24~36 HRC	26-27
Proof Stress (min)	1165 MPa	PASS
	WASHER	
Hardness	33~41 HRC	33-34

Hardness Test to ASTM E18 - Wedge test and proof load to ISO 898-1, Nut proof load test to AS 1252.1-2016

Assembly Test Tested to AS/NZS1252.1-2016

TEST CONDITIONS		REQUIREMENT		RESULTS					
CLAMP LENGTH (mm)	No. OF SHIMS	ROTATION SPEED	LUBRICATION CONDITIONS	BOLT LENGTH	MIN NUT Rotation º	TENSION kn Minimum	SAMPLE No.	NUT ROTATION DEGREES	BOLT TENSION (kN)
20	1	3	Dry to touch	>3d<=7d	240	63	SAMPLE 1	246	71.5
							SAMPLE 2	249	72
							SAMPLE 3	247	72.5
							SAMPLE 4	245	73
							SAMPLE 5	248	73.5

#### Visual, Dimensions, Coating & Markings

PART	VISUAL INSPECTION ISO 6157-1. 2.
BOLT	PASS
NUT	PASS
WASHER	PASS

DIMENSIONS AS/NZS1252-2016
PASS
PASS
PASS

COATING COMPLIES TO AS/NZS1214						
REQUIREMENT 50 min						
TYPE Αν μm						
HDG 54						
<b>HDG</b> 55						
HDG	<b>HDG</b> 56					

MARKINGS
Bolt: BF 8.8 THREE RADIAL LINES A20
Nut : BF 8 THREE ARC LINES
Washer : THREE NIBS

This certificate complies with AS/NZS1252.1-2016

\*The results relate only to the item tested\*

Name: Afshin Mohammadiazar Position: Quality Manager





### **TEST REPORT**

TEST REPORT No: 56786-12040-624111245 DATE OF ISSUE: 30/04/2025

#### **PRODUCT DETAILS**

ITEM CODE	K08MG120401	DESCRIPTION	K0 8.8 STRUCT ASS GAL M12 X 40
BOLT HEAT No.	624111245	MATERIAL STANDARD	AS/NZS 1252-2016
NUT HEAT No.	624111538	JOB No.	56786
WASHER HEAT No.	HB3007222	HEAD MARK	A20

#### **BOLT**

PROOF LOAD TEST DATE: 13/03/2025

DESCRIPTION	Proof load testing of class 8.8 Bolt to SOP 22-07, AS/NZS 1252.1 and ISO 898.1					
TEST METHOD	Proof load to ISO 898.1 a	Proof load to ISO 898.1 and ISO 6892-1				
REQUIREMENTS	Minimum hold time 15 se	Minimum hold time 15 seconds - min proof load 50.70 kN				
	PROOF LOAD (Kn)					
SAMPLE 1	PASS	39.80	39.79	0.00	COMPLIES	
SAMPLE 2	PASS	40.04	40.04	0.01	COMPLIES	
SAMPLE 3	PASS	COMPLIES				

WEDGE LOAD TENSILE TEST TEST DATE: 13/03/2025

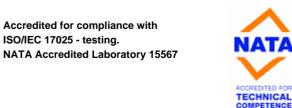
DESCRIPTION	Wedge test of class 8.8 E	TEST TEMP ° C				
TEST METHOD	Wedge test ISO 898.1 and	Wedge test ISO 898.1 and ISO 6892-1				
	TENSILE STRENGTH Mpa (Rm)	COMPLIANCE				
REQUIREMENTS	800 MIN	70 MIN	6	THREAD		
SAMPLE 1	918	77.40	6	THREAD	COMPLIES	
SAMPLE 2	916	77.30	6	THREAD	COMPLIES	
SAMPLE 3	920	77.60	6	THREAD	COMPLIES	

HARDNESS TEST DATE: 18/03/2025

DESCRIPTION	K0 8.8 STRUCT ASS GA	L M12 X 40- AS/NZS 1252-	2016							
TEST METHOD	Rockwell Hardness test	Rockwell Hardness test using scale "C" from 98N to 147N by the methods of ASTM E18								
REQUIREMENTS	d <= 16mm 22-32 HRC -	d <= 16mm 22-32 HRC - d > 16mm 23-34 HRC  AVERAGE * AVERAGE *								
	AVERAGE * HARDNESS (HRC)	COMPLIANCE	SAMPLE	AVERAGE * HARDNESS (HRC)	COMPLIANCE					
SAMPLE 1	29	COMPLIES	SAMPLE 5	29	COMPLIES					
SAMPLE 2	29	COMPLIES	SAMPLE 6	28	COMPLIES					
SAMPLE 3	28	COMPLIES	SAMPLE 7	28	COMPLIES					
SAMPLE 4	30	COMPLIES	SAMPLE 8	30	COMPLIES					

<sup>\*</sup> Average of 3 measurements per sample





### **TEST REPORT**

TEST REPORT No: 56786-12040-624111245 DATE OF ISSUE: 30/04/2025

#### **PRODUCT DETAILS**

ITEM CODE	K08MG120401	DESCRIPTION	K0 8.8 STRUCT ASS GAL M12 X 40
BOLT HEAT No.	624111245	MATERIAL STANDARD	AS/NZS 1252-2016
NUT HEAT No.	624111538	JOB No.	56786
WASHER HEAT No.	HB3007222	HEAD MARK	A20

#### **NUT**

PROOF LOAD TEST DATE: 12/03/2025

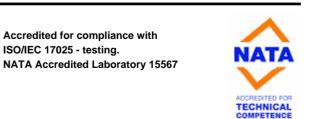
DESCRIPTION	Proof load testing of Nut to SOP 22-09, AS/NZS 1252	2.1 and ISO 898.2	TEST TEMP ° C
TEST METHOD	Proof load to ISO 898.2 and ISO 6892-1		26
REQUIREMENTS	Minimum hold time 15 seconds - Minimum proof loa	ıd	98.20 kN
	PROOF LOAD (Kn)	NUT REMOVED BY FINGER	COMPLIANCE
SAMPLE 1	PASS	YES	COMPLIES
SAMPLE 2	PASS	YES	COMPLIES
O/ WIT LL Z	17.66	. = 5	

HARDNESS TEST DATE: 18/03/2025

DESCRIPTION	K0 8.8 STRUCT ASS GAL	M12 X 40- AS/NZS 1252-	2016		
TEST METHOD	Rockwell Hardness test u	using scale "C" from 98N	to 147N by the methods	of ASTM E18	
REQUIREMENTS	24 - 36 HRC				
	AVERAGE * HARDNESS (HRC)	COMPLIANCE	SAMPLE	AVERAGE * HARDNESS (HRC)	COMPLIANCE
SAMPLE 1	28	COMPLIES	SAMPLE 5	29	COMPLIES
SAMPLE 2	29	COMPLIES	SAMPLE 6	29	COMPLIES
SAMPLE 3	29	COMPLIES	SAMPLE 7	28	COMPLIES
SAMPLE 4	28	COMPLIES	SAMPLE 8	30	COMPLIES

<sup>\*</sup> Average of 3 measurements per sample





#### **TEST REPORT**

TEST REPORT No: 56786-12040-624111245 DATE OF ISSUE: 30/04/2025

#### **PRODUCT DETAILS**

ITEM CODE	K08MG120401	DESCRIPTION	K0 8.8 STRUCT ASS GAL M12 X 40
BOLT HEAT No.	624111245	MATERIAL STANDARD	AS/NZS 1252-2016
NUT HEAT No.	624111538	JOB No.	56786
WASHER HEAT No.	HB3007222	HEAD MARK	A20

#### **WASHER**

**HARDNESS** TEST DATE: 18/03/2025

DESCRIPTION	K0 8.8 STRUCT ASS GAL	M12 X 40- AS/NZS 1252-	2016		
TEST METHOD	Rockwell Hardness test u	ising scale "C" from 98N	to 147N by the methods	s of ASTM E18	
REQUIREMENTS	33 - 41 HRC				
	AVERAGE * HARDNESS (HRC)	COMPLIANCE	SAMPLE	AVERAGE * HARDNESS (HRC)	COMPLIANCE
SAMPLE 1	33	COMPLIES	SAMPLE 5	34	COMPLIES
SAMPLE 2	33	COMPLIES	SAMPLE 6	35	COMPLIES
SAMPLE 3	34	COMPLIES	SAMPLE 7	33	COMPLIES
SAMPLE 4	33	COMPLIES	SAMPLE 8	33	COMPLIES

<sup>\*</sup> Average of 3 measurements per sample

Signed:

Afshin Mohammadiazar

Accredited for compliance with ISO/IEC 17025 - testing. NATA Accredited Laboratory 15567

**Issue Date:** 30/04/2025



Note that this report is based on the products supplied to the laboratory and it remains the responsibility of the client to ensure the samples presented are representative of the whole batch. Reproduction of this report, other than in its entirety, must be approved by Bremick Pty Ltd

\*The results relate only to the item tested\*









## Ningbo Zhongji Inspection of Machinery Parts Co.,Ltd

### **TEST REPORT**

Report number:	NBZJB202501038	Page 1 of 2
Receiving Date:	6, Jan., 2025	
Test Date:	7, Jan., 2025∼8, Jan., 2025	
Sample Source:	Supplied by client	
Name of Client	Bremick Pty Ltd	
Address	88 Dalmeny Avenue, Rosebery NSW 2018	
Test Requirements	AS/NZS 1252.1:2016 The technical requirement supplied by client	

Description	M12x40 8.8 HDG	Number of Sample(s)	3 PCS
Dimension	M12x40	Class	Bolt class 8.8 Nut class 8
Part Number	K08MG120401	PO No	56786-S
TRACE No	/	Heat Treatment Lot number	/
(Steel ) Heat number	B:62	4111245 N:624111538	3

The information above is provided by the client. Our laboratory is not responsible for its authenticity







Approved by:

Audit by:

Test by:





## Ningbo Zhongji Inspection of Machinery Parts Co.,Ltd

## TEST REPORT

Re	port number:	NBZJB202501038				Page 2 of 2
NO.	Test Items	Test Method	Requirement	-	Test Results	Item Conclusion
			Bolt tension force ≥ 63 kN	1A	64.8 kN 240°	Pass
4	Assembly test	EN 14399-2:2015	Nut rotation	2A	63.2 kN 240°	Pass
1			Degrees ≥ 240°	ЗА	67.4 kN 240°	Pass
		crocomputer control	led torsion tester;	NBZJ/	SB-Z-JC-110 WN	J-3000;
	Validity Of Calibr	ation: 2025.05.16				



THE END



品质记录编号: JL/2G-207-A

## 产品质量证明书

#### MILL TEST CERTIFICATE



客户名称 上海挚源商贸有限公司 产品名称 热轧盘条 Hot rolled wirerods Sold To Product 收货单位 上海挚源商贸有限公司 提货编单号 FB2412030970 证明书编号 241204000079 Consignee Delivery no. Certificate no. 执行标准 JIS G 3507-1:2010 牌号 Grade SWRCH35K 加工用途 客户编号 0201152 订单编号 02412031244 Spec Purpose Customer no. Order no. 客户采购案号 证明书日期 20241204 Cust Order No. Issue Date 生产许可证号 钢筋标识 交货状态 热轧 车船号 苏G58566 Approvalcerf No. Bar Mark Cond. Of Supply Train/Ship No. 尺寸及规格Material Description 化学成分% 项次 机制序号 总模深度 Chemical Analysis 冷级试 产品尺寸 重量 Item Lot No. Heat No. Product Size Si Mn Cr Ni Cu No. Qty Weight X10 X10 X10 X10 X10 X10 X10 X10 mm 规格 Specification 32 10 60 35 MAX 20 MAX 20 MAX 0.12 MAX MAX 38 35 90 MAX G2411240034 624111245 Ф 12mm 31.588 34 18 76 20 0.05 OK OK OK 0.08 TOTAL 31.588 \*001=1/2; 外观、形状、尺寸和标识依据中间检查记录判定为合格 ACCORDING TO PROCESS INSPECTION RECORD, VISUAL INSPECTION (SURFACE&SHAPE) AND CHECK OF DIMENSION&MARK; OK 注:产品牌号以质量证明书为准 注释 note 1、兹证明本表所列产品,均依材料规格制造及试验,并且符合规范之要求。11月、12月、1月、2月、3月时效12天,其它月份时效7天。It is to certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirements of the material specification. The aging time should be 12 days during November, December, January, February and March, and 7 days during 质量管理处 GENERAL MANAGER, REASEARCH DEVELOPMENT DEPARTMEN The other months.

2. 品质证明书影本不作有效证明文件。The copy of this Certificate is invalid except stamped.

3. 用户验收后使用,如有异议应详细告知其牌号,护号,并保留实物及标志。Please inform us the steel grade and the heat number of under qualifiedmaterial(s) found in inspection on time, and keep the material(s) and the marking card.



品质记录编号: JL/ZG-207-A

## 产品质量证明书

MILL TEST CERTIFICATE



	客户名称 Sold To	上海资申实	业有限公司										1 2	产品名利 Product		热轧盐	法条 Ho	t rolled	d wire	rods				
	收货单位 Consignee	上海资申实	业有限公司										扬 Do	是货编单 elivery r	号 10.	FB24	12050	452	T	证明书 Certific	5编号 ate no	241	206Q0	0145
	执行标准 Spec.	JIS G 3507	-1:2010	Gi	单号 rade	SWRCH	135K		加工用 Purpo	途 se				客户编号 istomer	-	0201	187			订单 Orde	编号	024	12050	640
														户采购等 st Order						证明 <sup>‡</sup> Issue	5日期	202	41206	
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项次		炉号 Heat No.	尺寸及規格	The Party of the P						化学) Chemica	克分 % I Analysis				*E09 总规 碳层	*001 冷頂 鍛试 验								
Item No.	Lot No.	Heat No.	产品尺寸 Product Si		数量 件 Qty	重量 t Weight	C	Si	Mn	P	S	Cr	Ni 2	Cu		鍛试验								
		规格 Spe	ecification		307	11.418111	X10 <sup>-2</sup>	X10 <sup>-2</sup> 10 35	X10 <sup>-2</sup>	X10 <sup>-3</sup>	X10 <sup>-3</sup>	X10 <sup>-2</sup>	X10 <sup>-2</sup>	X10 <sup>-2</sup>	mm 0.12		-							
001	G2412020054	624111538	Ф	12mm	8	19.399	38	19	90 75	MAX 15	MAX 4	MAX 7	MAX 2	MAX 2	0.05	OK				+				
	1100														0.06	OK OK								
		100																						
	100		0.00												T.									
		- 19/1																						
			TO	DTAL:	8	19.399																		
注释	*001=1/2; 外观、形状、尺· 注:产品牌号以	<b>寸和标识依据中</b> 新量证明书为准	间检查记录判定	为合格	ACCOR	DING TO F	PROCESS	INSPEC	TION RE	CORD,V	ISUAL I	NSPECTI	ON(SUR	FACE&S	HAPE)	AND CH	ECK OF	DIMENS	ION&M	ARK: OK			_	
note	14 7 FF 11 V 94 6	X 26 27 17 77 12																			/	歌集	团为	1
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0038	of the material sp	pecification. The	e aging time sho	ould be	12 day	s during N	ovember	. Decem	ber, Janu	ary, Feb	ruary ar	nd March	and 7	days du	iring	DI	EVELO	PMEN'	DEP/	ARTME	NE		gmen	
	2、品质证明书影 3、用户验收后使 qualifiedmaterial	用, 如有异议区 (s) found in ins	立详细告知其牌 pection on time	号,炉 and k	号,并保 eep the	留实物及和 material(s)	示志。Ple and the	ase info	rm us the card.	e steel g	rade and	I the hea	t numbe	er of unc	ier		古	4-	tt	· K	1	店 給:	命格	-
中工机	铁集团有限公司		江苏省常州市							真:051	0.0077	2074					-	)		U	1	1	7 7 11 4	/



# 产品质量证明书

## CERTIFICATE OF PRODUCT QUALITY

宁波钢铁有限公司 Ningbo Iron & Steel Co.,Ltd

中国宁波市北仑区霞浦临港二路168号

No.168, Lingang 2 Road, Xiapu, Beilun District, Ningbo, China TEL: 86-574-86859187 FAX: 86-574-86859900-1750

				E. 00 011 000003	01 1104 00 011 0	000000 2100
物产中大国际贸易集团有限公司 浙江物产国际贸易有限公司			产品名称 PRODUCT	热轧钢卷 Hot Rolled Coil		
名称 物产中大国际贸易集团有限公司 NJX (H)001-2021; N45D 建议不露天储存			应收凭单号码 AR.NO.	AR2304005187	证明书编号 CERTIFICATE NO.	230421H0112
NJX (H)001-2021; N45D 建议不露天储存		牌号 STEEL GRADE	客户编号 CUSTOMER NO.	00104124	订单编号 ORDER NO.	32N00427I
		N45D	交运日期 SHIPPING DATE	2023/04/20	证明书日期 T/C ISSUE DATE	2023/04/21
NINGBOSTEEL MILL INSPECTION	工厂许可证编号 WORKS APPROVAL LETTER NO.		客户采购案号 CUST, ORDER NO.		T/C	1/0
	浙江物产国际贸易有限公司 物产中大国际贸易集团有限公司 NJX (H)001-2021; N45D建议不露天储存 NINGBOSTEEL MILL INSPECTION	浙江物产国际贸易有限公司 物产中大国际贸易集团有限公司 NJX (H)001-2021; N45D建议不露天储存	浙江物产国际贸易有限公司 物产中大国际贸易集团有限公司 NJX (H)001-2021; N45D 建议不露天储存	物产中大国际贸易集团有限公司 浙江物产国际贸易集团有限公司         产品名称 PRODUCT           物产中大国际贸易集团有限公司         应收凭单号码 AR.NO.           NJX (H)001-2021; N45D 建议不露天储存         牌号 STEEL GRADE CUSTOMER NO.           NINGBOSTEEL MILL INSPECTION         工厂许可证编号           客户采购案号	物产中大国际贸易集团有限公司 浙江物产国际贸易集团有限公司         产品名称 PRODUCT         熱轧钢卷 Hot Rolled Coil           物产中大国际贸易集团有限公司         应收凭单号码 AR.NO.         AR2304005187           NJX (H)001-2021; N45D 建议不露天储存         库号 STEEL GRADE         CUSTOMER NO.           NINGBOSTEEL MILL INSPECTION         工厂许可证编号         客户采购案号	新江物产国际贸易有限公司

				尺寸及抗	規格 MA	ATERIAL	DESC	RIPTION		化学员	成分 C	HEM	CAL	ANAL	YSIS 9	6	拉	伸试验	A01		
次	产品序号	钢卷编号	熔炼号	厚度	宽度		数量		C	Si	Mn	P	S	Cr	Ni	Cu	屈服 YS	抗拉丁S	A01 55S 伸长 本EL	EL	
下EM NO.	SLAB NO.	COIL NO.	HEAT NO.	THICK	mm	LENGTH mm	QIY	WEIGHT	X10	X10	X10	X10	X10	X10	X10	X10		Rm mm <sup>2</sup>	%		
02	HB3007222	341084591	N312303	2.72	1290	(	1	20.810	44	21	75	16	8	1	2 (		1	685	27.5	7.5	
						TOTAL	. ,	20.810													
	VEYOR		_	_	$\vdash$			GE LENGT		95			_	_		-	_		-		,

SURVEYOR

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565S: 5.65+SQRT(S) A原始标距为5.65sqrt(S)的断后伸长率 化学成分:熔炼分析

兹证明本表所列产品,均依材料规范制造及试验,并且符合规范的要求。

WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY IN ACCORDANCE WITH THE REQUIREMENT OF THE ABOVE MATERIAL SPECIFICATION.

宁波钢铁有限公司 电子质量证明书专用章