BAOWU 新钢集团

新余钢铁股份有限公司
XINYU IRON & STEEL CO.,LTD.

袁河

产品质量证明书
INSPECTION CERTIFICATE

本公司船体结构用钢板通过ABS、BV、CCS、DNV、KR、LR、NK、RINA、RS船级社工厂认可。

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CUSTOMER	MANUCHAR STEEL N.V	PRODUCT	Structural Steel Plates for Ships		DELTAIL NO.	虚拟发运	CERTIFICATE NO.	ZB123X215171
PURCHASER	新钢公司九江分公司XGEC-123110129	SPECIFICATION	LR Rules		QTY	4	DATE OF ISSUE	2023-12-12
CONTRACT NO.	XGEC-123110129	STATE OF DELIVERY (6)	AR	TRAIN NO.	TOTAL MT	7.356	DATE OF DELIVERY	

NO	PLATE ID.	HEAT NO.	STEEL GRADE	MATERIAL DESCRIPTION THICK (mm)	WIDTH (mm)	LENGTH (mm)	QTY	WEIGHT MT	分析区分 (1)	C	Si	Mn	P	S	Cr	Ni	Cu	Als	Mo	Ceq
1	Z232153C.1.1	J38-14541A	LRB	8	2440	12000	1	1.839	L	0.15	0.15	0.67	0.021	0.009	0.04	0.02	0.04	0.002	0.01	0.26
2	Z232153C.4.1	J38-14541A	LRB	8	2440	12000	1	1.839	L	0.15	0.15	0.67	0.021	0.009	0.04	0.02	0.04	0.002	0.01	0.26
3	Z232153C.7.1	J38-14541A	LRB	8	2440	12000	1	1.839	L	0.15	0.15	0.67	0.021	0.009	0.04	0.02	0.04	0.002	0.01	0.26
4	Z232557C.2.1	J37-14021A	LRB	8	2440	12000	1	1.839	L	0.16	0.16	0.62	0.015	0.007	0.05	0.02	0.04	0.002	0.01	0.26

NO	PLATE ID.	试验区分 (2)	拉伸试验 TENSILE TEST 位置方向 (3)	温度 T (℃)	屈服 Y.S ReH (MPa)	抗拉 T.S Rm (MPa)	伸长率 E.L A (%)	冲击试验 IMPACT TEST 位置方向 (3)	试样尺寸 (4)	温度 T (℃)	KV2 1 (J)	2 (J)	3 (J)	AVE (J)
1	Z232153C.1.1	H	T	室温	320	466	38.5	L	C	0	54.1	55.5	54.2	54.6
2	Z232153C.4.1	H	T	室温	320	466	38.5	L	C	0	54.1	55.5	54.2	54.6
3	Z232153C.7.1	H	T	室温	320	466	38.5	L	C	0	54.1	55.5	54.2	54.6
4	Z232557C.2.1	H	T	室温	322	457	36.0	L	C	0	69.0	65.5	67.5	67.3

WORKS APPROVAL NO. LR22268112WA

Lloyd's Register Classification Society (China) Ltd.
Initials XMW
Guangzhou Office
Lloyd's Register

LR CONTROL NO: GZU 2350305

备注 REMARKS: Mill Test Certificate according to EN 10204 3.2

注释 NOTES: (1)分析区分 ANALYSIS: L=熔炼分析 LADLE ANALYSIS. P=成品分析 PRODUCT ANALYSIS. (2)试验区分 SAMPLING POSITION: B=尾部 BOTTOM. H=头部 TOP. A=任意 Any (3)位置方向 LOCATION AND ORIENTATION: T=横向 TRANS L=纵向 LONGI. Z=厚度方向 THROUGH-THICK. (4)试样尺寸 SPECIMEN SIZE: A=10*10*55; B=10*7.5*55; C=10*5.0*55. (5)Z向断面收缩率 THROUGH THICKNESS REDUCTION IN AREA. (6)交货状态 STATE OF DELIVERY: N=正火 NORMALIZED. Q=淬火 QUENCHED. T=回火 TEMPERED. A=退火 ANNEALED. CR=控制轧制 CONTROLLED ROLLED. TM=TMCP. AR=热轧 AS HOT ROLLED. (7)当化学分析显示为“0”时表示检测出的该元素含量≤0.0005%。When the chemical analysis is shown as "0", it means that the content of the element detected is ≤0.0005%. (8)Ceq=C+Mn/6

兹证明本材料按认可的工艺规程制造,并按英国船级社规范进行了试验,且各项要求均已满足.
We hereby certify that the material has been made by an approved process and satisfactorily tested in accordance with the Rules of Lloyd's Register.
该船板厚度公差符合IACS UR W 13 的要求。
The thickness of hull plates are complied with requirement of IACS UR W13.

新余钢铁股份有限公司 (9) 质量检验专用章
质量检验专用章
QUALITY INSPECT STAT.