BAOWU 新钢集团

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

产品质量证明书
INSPECTION CERTIFICATE

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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。

CUSTOMER	MANUCHAR STEEL N.V	PRODUCT	Structural Steel Plates for Ships	DELTAIL NO.	虚拟发运	CERTIFICATE NO.	ZB123X210878
PURCHASER	新钢公司九江分公司XGEC-123110129	SPECIFICATION	LR Rules	QTY	2	DATE OF ISSUE	2023-12-04
CONTRACT NO.	XGEC-123110129	STATE OF DELIVERY (6)	AR / TRAIN NO.	TOTAL MT	4.596	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	Z231505C.3.2	J38-14541A	LRB	10	2440	12000	1	2.298	L	0.15	0.15	0.67	0.021	0.009	0.04	0.02	0.04	0.002	0.01	0.26
2	Z231599C.1.1	J37-14021A	LRB	10	2440	12000	1	2.298	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	Z231505C.3.2	H	T	室温	318	464	32.0	L	B	0	99.8	89.4	91.5	93.6
2	Z231599C.1.1	H	T	室温	307	453	31.0	L	B	0	106.4	116.7	76.9	100.0

WORKS APPROVAL NO. LR22268112WA

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

LR CONTROL NO: GZU 2350272

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.