



CUSTOMER	MANUCHAR STEEL N.V	PRODUCT	Structural Steel Plates for Ships			DELTAIL NO.	虚拟发运	CERTIFICATE NO.	ZB123X210876
PURCHASER	新钢公司九江分公司XGEC-123110129	SPECIFICATION	LR Rules			QTY	4	DATE OF ISSUE	2023-12-04
CONTRACT NO.	XGEC-123110129	STATE OF DELIVERY (6)	AR	TRAIN NO.		TOTAL MT	9.192	DATE OF DELIVERY	

NO	PLATE ID.	HEAT NO.	STEEL GRADE	MATERIAL DESCRIPTION					CHEMICAL COMPOSITION %																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				THICK	WIDTH	LENGTH	QTY	WEIGHT	分析区分 (1)	C	Si	Mn	P	S	Cr	Ni	Cu	Als	Mo	Ceq																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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1	Z231505C. 1. 1	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	Z231505C. 1. 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
3	Z231505C. 3. 1	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
4	Z231599C. 1. 2	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					冲击试验 IMPACT TEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

WORKS APPROVAL NO. LR22268112WA

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 $\leq 0.0005\%$. When the chemical analysis is shown as "0", it means that the content of the element detected is $\leq 0.0005\%$. (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.

该钢板厚度公差符合IACS UR W 13 的要求。

The thickness of hull plates are complied with requirement of IACS UR W13.



LR CONTROL NO: GZU 2350272

