日钢营口中板有限公司
RIZHAO STEEL YINGKOU MEDIUM PLATE CO.,LTD.
辽宁省营口市老边区冶金街/115005
Yejinstreet,Laobiandistrict,Yingkou,Liaoning,P.R.China/115005
TEL:0417-3256081 FAX:0417-3256057 NO.:DT2101501/A

产品质量证明书
INSPECTION CERTIFICATE

订货单位 PURCHASER	CUMIC STEEL LIMITED	产品名称 PRODUCT	船用钢板 Hull Steel plate		
收货单位 CONSIGNEE	CUMIC STEEL LIMITED	合同编号 CONTRACT NO.	YGR1ZANN240683004-03		
技术标准/牌号 SPEC/GRADE	LR RULES,LRB	交货状态 DELIVERY CONDITION	正火轧制(NR)	签发日期 DATE OF ISSUE	20240809
		证明书编号 CERTIFICATE NO.	240809Z00548	控制号 CONTROL NUMBER	DLN2400930
车 号 TRAIN NO.		船号 HULL NO.			

炉号 HEAT NO.	批号 LOT NO.	钢板号 PLATE NO.	分段号 SECTION NO.	规格 (MM) DIMENSION	数量 QTY	重量 WEIGHT kg	化学成分 CHEMICAL ANALYSIS% C	Si	Mn	P	S	Als	Ti	Nb	Ni	Cr	Cu	Mo	CeqA	B0A01 屈服强度 ReH	B0A02 抗拉强度 Rm	B0A03 断后伸长率 B1	A0C01 冲击单值 A	A0C012 冲击单值 B	A0C013 冲击单值 C	A0C02 冲击均值 Ave
							$\times10^{-3}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	MPa	MPa	%	J	J	J	J
24206257A	S48010110	S4801173101		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801173201		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801173301		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801174101		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801174201		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801174301		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801175101		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801175201		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801176101		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801176201		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801176301		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
24206257A	S48010110	S4801177101		6x2440x12000	1	1,379	138	20	856	23	4	32	150	20	100	27	6	30	281	360	470	33.5	93	94	96	94
				合计(TOTAL):	12	16,548																				

注释 NOTES

L：熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=5.65√S0mm
A0C冲击试验IMPACT TEST：0℃，纵向LONGITUDINAL，近表 CLOSE TO SURFACE，尺寸SIZE10*5*55
CeqA=C+Mn/6
B0A01=YIELD STRENGTH
B0A02=TENSILE STRENGTH

B0A03=PRECENTAGE ELONGATION AFTER FRACTURE
A0C01=IMPACT TEST A
A0C012=IMPACT TEST B
A0C013=IMPACT TEST C
A0C02=IMPACT AVERAGE

According to EN 10204 3.2

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我们在此证明此材料采用已被认可的方法制造，并且经检验符合LR船级社规范的要求。
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.

冶金技术处处长 DIRECTOR OF METALLURGICAL DEPARTMENT

殿彩刚

验船师 SURVEYOR

S.J. He
Dalian Office
Lloyd's Register Classification Society China Co Ltd