



日钢营口中板有限公司
RIZHAO STEEL YINGKOU MEDIUM PLATE CO.,LTD.
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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	20240716
		证明书编号 CERTIFICATE NO.	240714Z00806	控制号 CONTROL NUMBER	DLN2400841
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%														B0A01 屈服 强度 MPa ReH	B0A02 抗 拉 强度 MPa Rm	B0A03 断后 伸长 率 %	A0C01 冲击 单 值 A J	A0C02 冲击 单 值 B J	A0C03 冲击 单 值 C J	A0C02 冲击 均 值 Ave J
							C	Si	Mn	P	S	Als	Ti	Nb	Ni	Cr	Cu	Mo	CeqA								
							$\times 10^{-3}$	$\times 10^{-2}$	$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-4}$	$\times 10^{-4}$	$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-3}$								
24205451A	S47110008	S4710461101		8x2440x12000	1	1,839	145	19	854	22	3	35	180	30	120	29	9	10	287	351	459	33	92	84	79	85	
24205451A	S47110008	S4710461201		8x2440x12000	1	1,839	145	19	854	22	3	35	180	30	120	29	9	10	287	351	459	33	92	84	79	85	
24205451A	S47110008	S4710461301		8x2440x12000	1	1,839	145	19	854	22	3	35	180	30	120	29	9	10	287	351	459	33	92	84	79	85	
24205451A	S47110008	S4710462101		8x2440x12000	1	1,839	145	19	854	22	3	35	180	30	120	29	9	10	287	351	459	33	92	84	79	85	
24205451A	S47110008	S4710462201		8x2440x12000	1	1,839	145	19	854	22	3	35	180	30	120	29	9	10	287	351	459	33	92	84	79	85	
24205451A	S47110008	S4710462301		8x2440x12000	1	1,839	145	19	854	22	3	35	180	30	120	29	9	10	287	351	459	33	92	84	79	85	
合计(TOTAL):					6	11,034																					

注释 NOTES	<p>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°C, 纵向LONGITUDINAL, 近表 CLOSE TO SURFACE, 尺寸SIZE10*5*55 CeqA=C+Mn/6 B0A01=YIELD STRENGTH B0A02=TENSILE STRENGTH</p>	<p>B0A03=PERCENTAGE ELONGATION AFTER FRACTURE A0C01=IMPACT TEST A A0C012=IMPACT TEST B A0C013=IMPACT TEST C A0C02=IMPACT AVERAGE</p>
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野牛	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	验船师 SURVEYOR
		 S.J. He Dalian Office Lloyd's Register Classification Society China Co Ltd 18021.1.2016.06	