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	20240729
		证明书编号 CERTFICATE NO.	240729Z00742	控制号 CONTROL NUMBER	DLN2400865
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 MPa ReH	B0A02 抗拉强度 MPa Rm	B0A03 断后伸长率 % B1	A0C01 冲击单值 A J	A0C012 冲击单值 B J	A0C013 冲击单值 C J	A0C02 冲击均值 Ave J
							$\times10^{-3}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$							
24205645A	S47150186	S4715452101		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	316	459	36	100	99	96	98
24205645A	S47150186	S4715455101		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	316	459	36	100	99	96	98
24205645A	S47150186	S4715455201		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	316	459	36	100	99	96	98
24205645A	S47150186	S4715455301		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	316	459	36	100	99	96	98
24205645A	S47150186	S4715456101		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	316	459	36	100	99	96	98
24205645A	S47150186	S4715457101		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	316	459	36	100	99	96	98
24205645A	S47150189	S4718403101		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	305	440	33.5	81	69	83	78
24205645A	S47150189	S4718403201		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	305	440	33.5	81	69	83	78
24205645A	S47150189	S4718403301		6x2440x12000	1	1,379	141	20	833	27	2	41	160	20	180	44	12	40	280	305	440	33.5	81	69	83	78
				合计(TOTAL)：	9	12,411																				

注释 NOTES

L：熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=5.65√S0 mm
A0C冲击试验IMPACTTEST：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

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

验船师 SURVEYOR

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