敬业（营口）中板有限公司
JINGYE (YINGKOU) MEDIUM PLATE CO.LTD.
辽宁省营口市老边区冶金街/115005
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TEL:0417-3256081 FAX:0417-3256057 NO.:DT2101501/A

产品质量证明书
INSPECTION CERTIFICATE

订货单位 PURCHASER	PRODALAM S A	产品名称 PRODUCT	船用钢板 Hull Steel plate		
收货单位 CONSIGNEE	PRODALAM S A	合同编号 CONTRACT NO.	YGCAZANN250483008-02		
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	20250524
		证明书编号 CERTIFICATE NO.	250524Z00901	控制号 CONTROL NUMBER	DLN2501068
车 号 TRAIN NO.		船号 HULL NO.		是否保性能 GUARANTEE OR NOT	是 YES

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
							$\times10^{-3}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$							
25109045A	S55190206	S5519492101		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519492201		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519492301		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519494101		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519494201		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519494301		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519497101		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519497201		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519497301		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519498101		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519498201		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
25109045A	S55190206	S5519498301		6x2440x12000	1	1,379	161	20	635	21	5	20	160	20	290	86	13	30	267	365	476	35.5	91	73	83	83
				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√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

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