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
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 USA, INC	产品名称 PRODUCT	船用钢板 Hull Steel plate		
收货单位 CONSIGNEE	CUMIC STEEL USA, INC	合同编号 CONTRACT NO.	YGCAZANN250983002-02		
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	20251104
		证明书编号 CERTIFICATE NO.	251031Z00761	控制号 CONTROL NUMBER	DLN2502404
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	B 0A01 屈服强度 MPa ReH	B 0A02 抗拉强度 MPa Rm	B 0A03 断后伸长率 % B1	A 0C01 冲击单值 A J	A 0C012 冲击单值 B J	A 0C013 冲击单值 C J	A 0C02 冲击均值 Ave J
							×10⁻³	×10⁻²	×10⁻³	×10⁻³	×10⁻³	×10⁻³	×10⁻⁴	×10⁻⁴	×10⁻⁴	×10⁻³	×10⁻³	×10⁻⁴	×10⁻³								
25121119A	S5A300079	S5A30084101		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30084201		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30084301		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30085101		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30085201		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30085301		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30086101		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30086201		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30086301		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30087101		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30087201		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
25121119A	S5A300079	S5A30087301		6x2440x12000	1	1,379	159	20	793	16	2	24	140	30	280	76	9	30	291	351	482	35	67	81	63	70
				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.

技术中心 Technology Center

验船师 SURVEYOR

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