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	普通碳素结构钢 General carbon structural steel
收货单位 CONSIGNEE	CUMIC STEEL LIMITED	合同编号 CONTRACT NO.	YGR1ZANN240783010
技术标准/牌号 SPEC/GRADE	ASTM A36/A36M-2019	交货状态 DELIVERY CONDITION	热轧(AR)
车 号 TRAIN NO.		证明书编号 CERTIFICATE NO.	240819Z00872
		签发日期 DATE OF ISSUE	20240819

炉号 HEAT NO.	批号 LOT NO.	钢板号 PLATE NO.	规格 (MM) DIMENSION	数量 QTY	重量 WEIGHT kg	分析区域 AA	C	Si	Mn	P	S	CEV	Cr	Mo	V	Ni	Cu	Nb	Ti	B0A01 屈服强度 MPa Rp0.2	B0A02 抗拉强度 MPa Rm	B0A03 断后伸长率 % B5	B0A04 屈强比	B0B01 弯曲试验 d 3a 180	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
							化学成分 CHEMICAL ANALYSIS %																					
							×10^-3	×10^-3	×10^-3	×10^-4	×10^-4	×10^-2	×10^-3	×10^-4	×10^-3	×10^-4	×10^-3	×10^-4	×10^-4									
24206820A	S48190006	S4818436201	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	306	450	27.5	0.68	OK	140	145	147	144
24206820A	S48190006	S4818437101	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	306	450	27.5	0.68	OK	140	145	147	144
24206820A	S48190006	S4818437201	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	306	450	27.5	0.68	OK	140	145	147	144
24206820A	S48190006	S4818437301	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	306	450	27.5	0.68	OK	140	145	147	144
24206820A	S48190006	S4818438101	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	306	450	27.5	0.68	OK	140	145	147	144
24206820A	S48190006	S4818438201	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	306	450	27.5	0.68	OK	140	145	147	144
24206820A	S48190007	S4818438301	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	315	443	27	0.71	OK	150	137	157	148
24206820A	S48190007	S4818439101	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	315	443	27	0.71	OK	150	137	157	148
24206820A	S48190007	S4818439201	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	315	443	27	0.71	OK	150	137	157	148
24206820A	S48190007	S4818439301	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	315	443	27	0.71	OK	150	137	157	148
24206820A	S48190007	S4818441201	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	315	443	27	0.71	OK	150	137	157	148
24206820A	S48190007	S4818441301	10x2440x12000	1	2.298	L	145	160	848	140	87	29	19	10	1	110	6	20	20	315	443	27	0.71	OK	150	137	157	148
			合计(TOTAL):	12	27.576																							

注释 NOTES

L：熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=200 mm
A0C冲击试验IMPACTTEST：20℃，纵向LONGITUDINAL，
近表 CLOSE TO SURFACE，尺寸SIZE10*7.5*55
B0A01=YIELD STRENGTH
B0A02=TENSILE STRENGTH
B0A03=PRECENTAGE ELONGATION AFTER FRACTURE
B0A04=YIELD STRENGTH RATIO
B0B01=BENDTEST
A0C01=IMPACT TEST A
A0C012=IMPACT TEST B
A0C013=IMPACT TEST C
A0C02=IMPACT AVERAGE

According to EN 10204 3.1

本产品已按照标准要求进行制造和检验，其结果符合要求，特此证明。
WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HAS MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIR EMENTS OF THE ABOVE MATERIAL SPECIFICATION

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冶金技术处处长
DIRECTOR OF METALLURGICAL DEPARTMENT