



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,Laobianidistrict,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	普通碳素结构钢 General carbon structural steel		
收货单位 CONSIGNEE	CUMIC STEEL USA, INC	合同编号 CONTRACT NO.	YGR1ZANN231183006-03		
技术标准/牌号 SPEC/GRADE	ASTM A36/A36M-2019;ASTM A36	交货状态 DELIVERY CONDITION	热轧(AR)	签发日期 DATE OF ISSUE	20240106
		证明书编号 CERTIFICATE NO.	240106Z00430		
车号 TRAIN NO.					

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	化学成分 CHEMICAL ANALYSIS %														B 0A01	B 0A02	B 0A03	B 0A04	B 0B01	A 0C01	A 0C012	A 0C013	A 0C02
							C	Si	Mn	P	S	CEV	Cr	Mo	V	Ni	Cu	Nb	Ti	屈服 强度	抗 拉 强度	断后 伸 长 率	屈 强 比	弯 曲 试 验	冲 击 单 值 A	冲 击 单 值 B	冲 击 单 值 C	冲 击 均 值 Ave	
							x10 ⁻³	x10 ⁻³	x10 ⁻³	x10 ⁻⁴	x10 ⁻⁴	x10 ⁻²	x10 ⁻³	x10 ⁻⁴	x10 ⁻⁴	MPa Rp0.2	MPa Rm	% B5		d=3a 180°	J	J	J						
23122648A	S41040209	S4104373101	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104373201	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104373301	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104374101	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104374201	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104374301	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104375101	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104375201	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
23122648A	S41040209	S4104375301	10x2440x12000	1	2,298	L	166	218	829	220	47	32	53	30	1	240	15	40	30	292	465	26.5	0.63	OK	100	77	83	87	
合计(TOTAL):				9	20,682																								

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=PERCENTAGE 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 REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION	冶金技术处处长 DIRECTOR OF METALLURGICAL DEPARTMENT