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)
		签发日期 DATE OF ISSUE	20240816
		证明书编号 CERTIFICATE NO.	240816Z00077
车 号 TRAIN NO.			

炉号 HEAT NO.	批号 LOT NO.	钢板号 PLATE NO.	规格 (MM) DIMENSION	数量 QIY	重量 WEIGHT kg	分析区域 AA	C	Si	Mn	P	S	CEV	Cr	Mo	V	Ni	Cu	Nb	Ti	B 0A01 屈服强度 MPa Rp0.2	B 0A02 抗拉强度 MPa Rm	B 0A03 断后伸长率 % B5	B 0A04 屈强比	B 0B01 弯曲试验 d 3a 180	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
							化学成分 CHEMICAL ANALYSIS %																					
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$									
24206692A	S48150013	S4814483101	8x2440x12000	1	1.839	L	130	179	835	210	53	28	46	40	2	280	5	30	30	306	431	26.5	0.71	OK	84	89	90	88
24206692A	S48150013	S4814483201	8x2440x12000	1	1.839	L	130	179	835	210	53	28	46	40	2	280	5	30	30	306	431	26.5	0.71	OK	84	89	90	88
24206692A	S48150013	S4814483301	8x2440x12000	1	1.839	L	130	179	835	210	53	28	46	40	2	280	5	30	30	306	431	26.5	0.71	OK	84	89	90	88
24206693A	S48150014	S4814484201	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814484301	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814485101	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814485301	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814486101	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814486201	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814486301	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814488101	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
24206693A	S48150014	S4814488201	8x2440x12000	1	1.839	L	139	161	831	190	66	29	66	30	1	290	9	20	30	290	419	27.5	0.69	OK	82	97	90	89
			合计(TOTAL):	12	22.068																							

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*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