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 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.	YGR1ZANN231183006-01		
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	20231209
		证明书编号 CERTFICATE NO.	231209Z00774		
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 % 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
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$									
23121239A	23Y1613	23M2671001	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671002	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671003	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671005	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671006	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671007	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671008	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671009	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671010	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671011	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
23121239A	23Y1613	23M2671012	8x2000x12000	1	1,507	L	137	194	844	210	69	29	37	30	1	120	10	30	20	331	454	27	0.73	OK	75	76	75	75
			合计(TOTAL)：	11	16,577																							

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°C，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

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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

冶金技术处处长
DIRECTOR OF METALLURGICAL DEPARTMENT