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.	YGR1ZANN240683004-02		
技术标准/牌号 SPEC/GRADE	ASTM A36/A36M;ASTM A36	交货状态 DELIVERY CONDITION	热轧(AR)	签发日期 DATE OF ISSUE	20240720
		证明书编号 CERTFICATE NO.	240720Z00793		
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	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
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$									
24405113A	S47190057	S4719105101	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	311	474	30.5	0.66	OK	106	85	107	99
24405113A	S47190057	S4719105201	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	311	474	30.5	0.66	OK	106	85	107	99
24405113A	S47190057	S4719105301	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	311	474	30.5	0.66	OK	106	85	107	99
24205776A	S47190058	S4719106101	10x2440x12000	1	2,298	L	117	179	859	300	51	27	44	30	1	140	9	10	20	311	474	28.5	0.66	OK	105	110	91	102
24205776A	S47190058	S4719106301	10x2440x12000	1	2,298	L	117	179	859	300	51	27	44	30	1	140	9	10	20	311	474	28.5	0.66	OK	105	110	91	102
24205776A	S47190058	S4719110101	10x2440x12000	1	2,298	L	117	179	859	300	51	27	44	30	1	140	9	10	20	311	474	28.5	0.66	OK	105	110	91	102
24205776A	S47190058	S4719110201	10x2440x12000	1	2,298	L	117	179	859	300	51	27	44	30	1	140	9	10	20	311	474	28.5	0.66	OK	105	110	91	102
24205776A	S47190058	S4719110301	10x2440x12000	1	2,298	L	117	179	859	300	51	27	44	30	1	140	9	10	20	311	474	28.5	0.66	OK	105	110	91	102
24405113A	S47200049	S4720003101	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	344	479	27.5	0.72	OK	103	136	116	118
24405113A	S47200049	S4720003201	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	344	479	27.5	0.72	OK	103	136	116	118
24405113A	S47200049	S4720003301	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	344	479	27.5	0.72	OK	103	136	116	118
			合计(TOTAL):	11	25,278																							

注释 NOTES

L：熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=200 mm
AOC冲击试验IMPACT TEST：20℃，纵向LONGITUDINAL，
近表 CLOSE TO SURFACE，尺寸SIZE10*7.5*55
BOA01=YIELD STRENGTH
BOA02=TENSILE STRENGTH
BOA03=PRECENTAGE ELONGATION AFTER FRACTURE
BOA04=YIELD STRENGTH RATIO
BOBO1=BEND TEST
AOCO1=IMPACT TEST A
AOCO12=IMPACT TEST B
AOCO13=IMPACT TEST C
AOCO2=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 REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION

冶金技术处处长
DIRECTOR OF METALLURGICAL DEPARTMENT