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	20240713
		证明书编号 CERTFICATE NO.	240713Z00663		
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
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$										
24205515A	S47120065	S4712146201	8x2440x12000	1	1,839	L	144	166	845	200	67	29	24	30	2	130	11	20	20	314	464	26	0.68	OK	74	75	64	71
24205515A	S47120065	S4712146301	8x2440x12000	1	1,839	L	144	166	845	200	67	29	24	30	2	130	11	20	20	314	464	26	0.68	OK	74	75	64	71
24205515A	S47120065	S4712147101	8x2440x12000	1	1,839	L	144	166	845	200	67	29	24	30	2	130	11	20	20	314	464	26	0.68	OK	74	75	64	71
24205515A	S47120065	S4712147201	8x2440x12000	1	1,839	L	144	166	845	200	67	29	24	30	2	130	11	20	20	314	464	26	0.68	OK	74	75	64	71
24205515A	S47120065	S4712147301	8x2440x12000	1	1,839	L	144	166	845	200	67	29	24	30	2	130	11	20	20	314	464	26	0.68	OK	74	75	64	71
24205516A	S47120075	S4712159101	8x2440x12000	1	1,839	L	134	161	836	190	42	28	44	20	2	190	8	20	20	285	444	27	0.64	OK	71	75	69	72
24205516A	S47120075	S4712159201	8x2440x12000	1	1,839	L	134	161	836	190	42	28	44	20	2	190	8	20	20	285	444	27	0.64	OK	71	75	69	72
24205516A	S47120075	S4712159301	8x2440x12000	1	1,839	L	134	161	836	190	42	28	44	20	2	190	8	20	20	285	444	27	0.64	OK	71	75	69	72
24205516A	S47120075	S4712167101	8x2440x12000	1	1,839	L	134	161	836	190	42	28	44	20	2	190	8	20	20	285	444	27	0.64	OK	71	75	69	72
24205516A	S47120075	S4712167201	8x2440x12000	1	1,839	L	134	161	836	190	42	28	44	20	2	190	8	20	20	285	444	27	0.64	OK	71	75	69	72
24205516A	S47120075	S4712167301	8x2440x12000	1	1,839	L	134	161	836	190	42	28	44	20	2	190	8	20	20	285	444	27	0.64	OK	71	75	69	72
24205517A	S47120077	S4712169101	8x2440x12000	1	1,839	L	143	167	853	210	33	30	37	60	2	120	10	20	30	296	458	27	0.65	OK	79	62	79	73
			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
AOC冲击试验IMPACT TEST：20℃，纵向LONGITUDINAL，
近表 CLOSE TO SURFACE，尺寸SIZE10*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