



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	CUMICSTEEL LIMITED	产品名称 PRODUCT	普通碳素结构钢 General carbon structural steel		
收货单位 CONSIGNEE	CUMICSTEEL LIMITED	合同编号 CONTRACTNO.	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
车号 TRAINNO.		证明书编号 CERTIFICATE NO.	240713Z00686		



炉号 HEATNO.	批号 LOTNO.	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 OA01	B OA02	B OA03	B OA04	B OB01	A OC01	A OC02	A OC03	A OC04
							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 单 值 Ave	
							$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-4}$	$\times 10^{-2}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-4}$	MPa Rp0.2	MPa Rm	% B5		d=3a 180°	J	J	J	J	
24205515A	S47120064	S4712105101	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712105201	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712105301	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712107301	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712108101	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712108201	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712108301	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712109101	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
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24205515A	S47120064	S4712110101	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712110201	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
24205515A	S47120064	S4712110301	8x2440x12000	1	1,839	L 144	166	845	200	67	29	24	30	2	130	11	20	20	302	447	26.5	0.68	OK	73	54	68	65		
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°C, 纵向 LONGITUDINAL, 近表 CLOSE TO SURFACE, 尺寸 SIZE 10*5*55	BOA04=YIELD STRENGTH RATIO BOB01=BEND TEST AOC01=IMPACT TEST A AOC012=IMPACT TEST B AOC013=IMPACT TEST C AOC02=IMPACT AVERAGE
	BOA01=YIELD STRENGTH BOA02=TENSILE STRENGTH BOA03=PERCENTAGE ELONGATION AFTER FRACTURE	
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