



日钢营口中板有限公司
RIZHAO STEEL YINGKOU MEDIUM PLATE CO.,LTD.
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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	20240722
车号 TRAIN NO.		证明书编号 CERTIFICATE NO.	240722Z00128		

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 %														B 0A01	B 0A02	B 0A03	B 0A04	B 0B01	A 0C01	A 0C12	A 0C13	A 0C02
							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 均 值 Ave	
							$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-4}$	$\times 10^{-2}$	$\times 10^{-3}$	$\times 10^{-4}$	$\times 10^{-4}$	MPa Rp0.2	MPa Rm	% B5		d=3a 180°	J	J	J						
24405113A	S47190056	S4719094101	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719094201	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719094301	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719095101	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719095201	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719095301	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719096101	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190056	S4719096201	10x2440x12000	1	2,298	L	146	193	871	300	43	30	30	30	2	100	9	10	20	301	444	28.5	0.68	OK	119	109	109	112	
24405113A	S47190057	S4719102101	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	S4719102201	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	S4719102301	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	S4719104101	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	
合计(TOTAL):							12	27,576																					

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*7.5*55 B0A01=YIELD STRENGTH B0A02=TENSILE STRENGTH B0A03=PERCENTAGE 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