



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	HYUNDAI CORPORATION	产品名称 PRODUCT	普通碳素结构钢 General carbon structural steel		
收货单位 CONSIGNEE	HYUNDAI CORPORATION	合同编号 CONTRACT NO.	YGR1ZANN240583008-01		
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	20240711
车号 TRAIN NO.		证明书编号 CERTIFICATE NO.	240711Z00380		



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 0C012	A 0C013	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	
							⁻³ x10	⁻³ x10	⁻³ x10	⁻⁴ x10	⁻⁴ x10	⁻² x10	⁻³ x10	⁻⁴ x10	⁻³ x10	⁻⁴ x10	⁻⁴ x10	⁻³ x10	⁻⁴ x10	⁻⁴ x10	MPa Rp0.2	MPa Rm	% B5		d=3a 180°	J	J	J	J
24111331A	S47100010	S4709450101	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709450201	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709450301	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709451101	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709451201	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709451301	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709453101	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709453201	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709453301	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709454101	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709454201	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
24111331A	S47100010	S4709454301	8x2440x12000	1	1,839	L	138	137	835	180	92	30	80	20	2	180	7	20	20	309	453	28.5	0.68	OK	92	91	80	88	
合计(TOTAL):				12	22,068																								

注释 NOTES	<p>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*5*55 B0A01=YIELD STRENGTH B0A02=TENSILE STRENGTH B0A03=PERCENTAGE ELONGATION AFTER FRACTURE</p> <p>B0A04=YIELD STRENGTH RATIO B0B01=BENDTEST A0C01=IMPACT TEST A A0C012=IMPACT TEST B A0C013=IMPACT TEST C A0C02=IMPACT AVERAGE</p> <p>According to EN 10204 3.1</p>
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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