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	HYUNDAI CORPORATION	产品名称 PRODUCT	低合金高强度结构钢 High strength low alloy 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 A572/572M;A572 Gr.50	交货状态 DELIVERY CONDITION	热轧(AR)
		签发日期 DATE OF ISSUE	20240710
		证书编号 CERTIFICATE NO.	240710Z00084
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	C	Si	Mn	P	S	Als	Nb	Cr	Ni	Cu	Mo	V	Ti	CE	B0A01 屈服强度	B0A02 抗拉强度	B0A03 断后伸长率	B0A04 屈强比	B0B01 弯曲试验	A0C01 冲击单值A	A0C012 冲击单值B	A0C013 冲击单值C	A0C02 冲击均值Ave
							化学成分 CHEMICAL ANALYSIS %																						
							×10^-3	×10^-3	×10^-3	×10^-4	×10^-4	×10^-3	×10^-4	×10^-3	×10^-4	×10^-3	×10^-4	×10^-3	×10^-4	×10^-2	MPa Rp0.2	MPa Rm	% B5		d=3a 180°	J	J	J	J
24305777C	2470859	24G1089002	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089003	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089005	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089007	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089008	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089009	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089010	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089011	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1089012	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1198001	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
24305777C	2470859	24G1198002	12x2440x12000	1	2,758	L	164	199	1544	160	28	15	190	42	150	9	40	3	120	43	385	548	23.5	0.70	OK	131	113	124	123
			合计 (TOTAL):	11	30,338																								

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：4℃，纵向LONGITUDINAL，近表 CLOSE TO SURFACE，尺寸SIZE10*10*55
B0A01=YIELD STRENGTH
B0A02=TENSILE STRENGTH
B0A03=PRECENTAGE 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

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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