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	20240704
		证明书编号 CERTIFICATE NO.	240704Z00597
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 %																						
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-2}$	MPa Rp0.2	MPa Rm	% B5		d=3a 180°	J	J	J	J
24110763D	S47030056	S4703019101	20x2440x12000	1	4,597	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	402	566	25	0.71	OK	236	215	206	219
24110763D	S47030056	S4703020101	20x2440x12000	1	4,597	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	402	566	25	0.71	OK	236	215	206	219
24110763D	S47030056	S4703022101	20x2440x12000	1	4,597	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	402	566	25	0.71	OK	236	215	206	219
24110761D	S47030058	S4703026101	25x2440x12000	1	5,746	L	157	215	1404	220	33	40	130	68	200	9	30	2	130	41	412	557	26	0.74	OK	223	217	237	226
24110763D	S47030059	S4703029101	25x2440x12000	1	5,746	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	435	563	25	0.77	OK	224	219	205	216
24110763D	S47030059	S4703029201	25x2440x12000	1	5,746	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	435	563	25	0.77	OK	224	219	205	216
24110763D	S47030059	S4703030101	25x2440x12000	1	5,746	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	435	563	25	0.77	OK	224	219	205	216
24110763D	S47030059	S4703030201	25x2440x12000	1	5,746	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	435	563	25	0.77	OK	224	219	205	216
24110763D	S47030059	S4703031101	25x2440x12000	1	5,746	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	435	563	25	0.77	OK	224	219	205	216
24110763D	S47030059	S4703031201	25x2440x12000	1	5,746	L	162	216	1380	230	31	21	130	73	220	8	30	2	130	41	435	563	25	0.77	OK	224	219	205	216
			合计(TOTAL):	10	54,013																								

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