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	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	20240709
		证明书编号 CERTIFICATE NO.	240709Z00010		
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	化学成分 CHEMICAL ANALYSIS % C	Si	Mn	P	S	CEIV	Cr	Mo	V	Ni	Cu	Nb	Ti	B0A01 屈服强度 MPa Rp0.2	B0A02 抗拉强度 MPa Rm	B0A03 断后伸长率 % B5	B0A04 屈强比	B0B01 弯曲试验 d=3a 180°	A0C01 冲击单值 A J	A0C012 冲击单值 B J	A0C013 冲击单值 C J	A0C02 冲击均值 Ave J
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$									
24205338A	S47070227	S4707409301	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	315	441	28	0.71	OK	74	70	70	71
24205338A	S47070227	S4707412201	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	315	441	28	0.71	OK	74	70	70	71
24205338A	S47070227	S4707412301	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	315	441	28	0.71	OK	74	70	70	71
24205338A	S47070227	S4707413101	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	315	441	28	0.71	OK	74	70	70	71
24205338A	S47070227	S4707413201	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	315	441	28	0.71	OK	74	70	70	71
24205338A	S47070227	S4707413301	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	315	441	28	0.71	OK	74	70	70	71
24205338A	S47070228	S4707421101	6x2440x12000	1	1,379	L	151	168	816	230	94	30	36	30	2	120	8	20	20	317	456	27.5	0.70	OK	81	63	86	77
24205337A	S47070229	S4707425301	6x2440x12000	1	1,379	L	132	163	816	190	59	28	35	30	2	120	8	20	20	322	451	27	0.71	OK	68	86	74	76
24205339A	S47080011	S4707507101	6x2440x12000	1	1,379	L	146	167	819	250	90	29	34	20	2	110	7	20	20	319	451	28.5	0.71	OK	96	79	82	86
24205339A	S47080011	S4707507201	6x2440x12000	1	1,379	L	146	167	819	250	90	29	34	20	2	110	7	20	20	319	451	28.5	0.71	OK	96	79	82	86
24205339A	S47080011	S4707507301	6x2440x12000	1	1,379	L	146	167	819	250	90	29	34	20	2	110	7	20	20	319	451	28.5	0.71	OK	96	79	82	86
24205339A	S47080011	S4707508101	6x2440x12000	1	1,379	L	146	167	819	250	90	29	34	20	2	110	7	20	20	319	451	28.5	0.71	OK	96	79	82	86
			合计(TOTAL):	12	16,548																							

注释 NOTES

L: 熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=200 mm
A0C冲击试验IMPACT TEST: 20℃，纵向LONGITUDINAL，
近表 CLOSE TO SURFACE，尺寸SIZE10*5*55
B0A01=YIELD STRENGTH
B0A02=TENSILE STRENGTH
B0A03=PRECENTAGE ELONGATION AFTER FRACTURE
B0A04=YIELD STRENGTH RATIO
B0B01=BEND TEST
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