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
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产品质量证明书
INSPECTION CERTIFICATE

订货单位 PURCHASER	SAMSUNG C&T CORPORATION	产品名称 PRODUCT	普通碳素结构钢 General carbon structural steel		
收货单位 CONSIGNEE	SAMSUNG C&T CORPORATION	合同编号 CONTRACT NO.	YGCAZANN241083007-05		
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	20241210
		证明书编号 CERTIFICATE NO.	241210Z00075		
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	CEV	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
							$\times10^{-3}$	$\times10^{-3}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$	$\times10^{-2}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-3}$	$\times10^{-4}$	$\times10^{-4}$										
24210385C	S4C070233	S4C07325101	10x2440x12000	1	2,298	L	134	146	821	220	117	28	48	30	1	170	11	20	20	295	444	27	0.66	OK	159	188	150	166
24210387C	S4C070236	S4C07336101	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070236	S4C07336201	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070236	S4C07336301	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070236	S4C07337101	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070236	S4C07337201	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070236	S4C07337301	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070236	S4C07338101	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	333	468	27	0.71	OK	122	81	111	105
24210387C	S4C070238	S4C07340101	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	297	446	27.5	0.67	OK	119	143	151	138
24210387C	S4C070238	S4C07340201	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	297	446	27.5	0.67	OK	119	143	151	138
24210387C	S4C070238	S4C07340301	10x2440x12000	1	2,298	L	143	152	854	230	124	30	47	30	1	180	12	20	20	297	446	27.5	0.67	OK	119	143	151	138
24311240C	S4C070239	S4C07341101	10x2440x12000	1	2,298	L	146	157	848	260	169	30	55	30	1	170	13	20	20	300	450	27	0.67	OK	106	114	120	113
			合计(TOTAL):	12	27,576																							

注释 NOTES

L：熔炼成分 SMELTING COMPOSITION
拉伸标距(GAUGE LENGTH) Lo=200mm
A0C冲击试验IMPACT TEST：20℃，纵向LONGITUDINAL，
近表 CLOSE TO SURFACE，尺寸SIZE10*7.5*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

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

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冶金技术处处长
DIRECTOR OF METALLURGICAL DEPARTMENT