

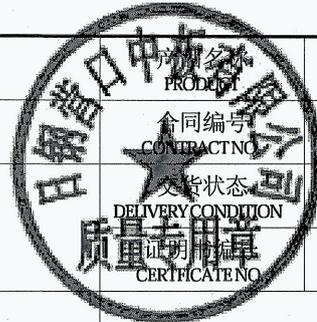


日钢营口中板有限公司  
RIZHAO STEEL YINGKOU MEDIUM PLATE CO.,LTD.  
辽宁省营口市老边区冶金街/115005  
Yejinstreet,Laobiandistrict,Yingkou,Liaoning,P.R.China/115005  
TEL:0417-3256081 FAX:0417-3256057 NO.:DT2101501/A

产品质量证明书  
INSPECTION CERTIFICATE



订货单位 PURCHASER	HYUNDAICORPORATION	普通碳素结构钢 General carbon structural steel	
收货单位 CONSIGNEE	HYUNDAICORPORATION	YGRIZANN240583008-01	
技术标准/牌号 SPEC/GRADE	ASTM A36/A36M;ASTM A36	热轧(AR)	签发日期 DATE OF ISSUE
		20240627	
车号 TRAINNO.	240627Z00207		



炉号 HEATNO.	批号 LOTNO.	钢板号 PLATENO.	规格 (MM) DIMENSION	数量 QTY	重量 WEIGHT kg	分析区域 AA	化学成分 CHEMICAL ANALYSIS %														B0A01	B0A02	B0A03	B0A04	B0B01	A0C01	A0C012	A0C013	A0C02
							C	Si	Mn	P	S	Cr	Mn	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	冲击平均值 Ave		
							×10 <sup>-3</sup>	×10 <sup>-3</sup>	×10 <sup>-3</sup>	×10 <sup>-4</sup>	×10 <sup>-4</sup>	×10 <sup>-2</sup>	×10 <sup>-3</sup>	×10 <sup>-4</sup>	×10 <sup>-4</sup>	MPa	MPa	%		d=3a 180°	J	J	J						
24305243C	2466578	24F6947001	32x2440x12000	1	7,355	L	178	200	818	160	56	33	53	10	1	180	6	20	20	286	466	27.5	0.61	OK	108	136	110	118	
24305243C	2465725	24F7260001	38x2000x12000	1	7,159	L	178	200	818	160	56	33	53	10	1	180	6	20	20	297	470	21	0.63	OK	183	167	170	173	
24404193C	2465959	24F8307001	16x2440x12000	1	3,678	L	171	201	851	160	84	33	61	20	2	240	9	20	40	300	458	26.5	0.66	OK	226	187	231	215	
24404193C	2465959	24F8307002	16x2440x12000	1	3,678	L	171	201	851	160	84	33	61	20	2	240	9	20	40	300	458	26.5	0.66	OK	226	187	231	215	
合计(TOTAL):				4	21,870																								

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\*10\*55  
B0A01=YIELD STRENGTH  
B0A02=TENSILE STRENGTH  
B0A03=PERCENTAGE 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

冶金技术处处长  
DIRECTOR OF METALLURGICAL DEPARTMENT

野牛

殷新刚