

认可证书号: LR1900782WA-24  
Certificate No:

技术条件 LR 规范  
Specification:

交货状态 AR  
Cond. of Supply:

品种名称: 船体用钢板 (等级 B) 冲击试样尺寸 (mm): 7.5x10x55  
Name of Product: Hull Structural Steel Plate (Steel Grade B Dimensions of test specimens: 7.5x10x55)  
控制号: NJG2000557  
Control No

探伤标准 -  
UT Standard:

# 南京钢铁股份有限公司

## NanJing Iron & Steel Company Limited

### 质量证明书

### Quality Certificate



质量记录编号: JLJZ0508/A  
Tab of Quality  
证明书编号: PPC12012070020  
Certificate No  
日期: 2020年12月07日  
Date: 12/07/2020  
南京市六合区卸甲甸  
Xiejiaodian, Luhe District, NanJing, China  
TEL: 86-25-57073774 FAX: 86-25-57076980  
E-mail: ng315@njsteel.com.cn

加喷信息: MADE IN CHINA  
订货单位 南京钢铁集团国际经济贸易有限公司  
Purchaser: 订单号 0M820110070-003

取样号 Sample No	炉号 Heat No	件数 Pieces	尺寸规格 (mm) Dimensions	重量 Net Weight (t)	化学成分 (%) Chemical Compositions													拉伸 方向 位置 T.S D.L	屈服 Y.P. ReH MPa	抗拉 强度 T.S. Rm Mpa	伸长 E.L (%)	V型冲击功 Impact Value V-Notch (J)					Z向性能 Through Thickness Properties (%)			UT					
					C	Si	Mn	P	S	Nb	Al	Mo	Cu	Ni	Cr	Ti	V					N	Ceq	位置 方向 D.L	温度 T(°C)	数值 Impac Test Value (J)	平均 AVE (J)	位置 方向 D.L	数值 Test Value		平均 AVE				
					10 <sup>2</sup>	10 <sup>2</sup>	10 <sup>2</sup>	10 <sup>3</sup>					10 <sup>3</sup>	10 <sup>3</sup>	10 <sup>4</sup>	10 <sup>2</sup>																			
20110031020301	20110031	16	10*2440*12000	36.768	18	24	65	11	6	0.6	28	6	20	40	60	3.4	1	-	29	HTD5	295	447	33	ZTD1	0	125	116	141	127	-	-	-	-	-	-
20110031030301	20110031	17	10*2440*12000	39.066	18	24	65	11	6	0.6	28	6	20	40	60	3.4	1	-	29	HTD5	295	447	33	ZTD1	0	125	116	141	127	-	-	-	-	-	-
20310589030301	20310589	10	10*2440*12000	22.980	18	26	64	17	7	0.6	25	5	20	30	60	1.7	1	-	29	HTD5	298	457	32	ZTD1	0	115	103	116	111	-	-	-	-	-	-
本页总计 (Page Total)		43		98.814																															

取样号 Sample No: 20110031020301	产品号 (Plate No): 20110031020303, 20110031020403, 20110031020301, 20110031020204, 20110031020203, 20110031020404, 20110031020501, 20110031020502, 20110031020503, 20110031020504, 20110031020505, 20110031020601, 20110031020304, 20110031020401, 20110031020402, 20110031020302
取样号 Sample No: 20110031030301	产品号 (Plate No): 20110031030602, 20110031030601, 20110031030504, 20110031030503, 20110031030502, 20110031030404, 20110031030403, 20110031030402, 20110031030401, 20110031030304, 20110031030303, 20110031030302, 20110031030301, 20110031030204, 20110031030203, 20110031030202, 20110031030501
取样号 Sample No: 20310589030301	产品号 (Plate No): 20310589030403, 20310589030402, 20310589030401, 20310589030304, 20310589030404, 20310589030302, 20310589030301, 20310589030204, 20310589030203, 20310589030303

**REMARKS:** The thickness tolerances of steel plates are complied requirement of IACS UR W13.

1. Plates are delivered in theoretical weight.  
2. The mark of LR is stamped on the end of each plate.  
3. Ceq(%) = C + Mn/6  
4. The first 8 digits of product number are heat number.  
ACCORDING TO EN10204:2004 3.2.

合计 (Total)  
43 Piece 98.814 ton

质检员  
Chief of Inspection



We hereby certify that the material has been produced by an approved process and satisfactory tested in accordance with the Rules of LR

VT - Visual Inspection. D.L - 位置方向 Direction of Location, H - 纵向 Transverse, Z - 纵向 Longitudinal, T - 头部 Top, W - 尾部 Tail, A - 任意位置 Anywhere, B - 1/3 宽度 1/3 Width, C - 中心 Center, D - 1/4 宽度 1/4 Width, E - 边部 Edge; 1 - 近表 Near Surface, 2 - 1/3 厚 1/3 Thickness, 3 - 1/4 厚 1/4 Thickness, 4 - 1/2 厚 1/2 Thickness, 5 - 全厚 Through Thickness, M - 厚度方向 Thickness Direction.

LR Surveyor

*Andy Zheng*

Andy Zheng  
Nanjing Office  
Lloyd's Register Classification Society China Co Ltd

Signature:

