

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): 5x10x55

Name of Product: Hull Structural Steel Plate (Steel Grade B Dimensions of test specimens: 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: PPC12012070019

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 0M820110070-002

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			
					x 10 <sup>2</sup>	x 10 <sup>2</sup>	x 10 <sup>2</sup>	x 10 <sup>3</sup>					x 10 <sup>3</sup>	x 10 <sup>4</sup>	x 10 <sup>2</sup>																				
20310592010301	20310592	22	8*2440*12000	40.458	18	26	65	16	6	0.6	21	3	20	30	50	1.5	1	-	29	HTD5	327	463	32.5	ZTD1	0	84	67	61	71	-	-	-	-	-	-
20310592020301	20310592	21	8*2440*12000	38.619	18	26	65	16	6	0.6	21	3	20	30	50	1.5	1	-	29	HTD5	327	463	32.5	ZTD1	0	84	67	61	71	-	-	-	-	-	-
20310592030301	20310592	22	8*2440*12000	40.458	18	26	65	16	6	0.6	21	3	20	30	50	1.5	1	-	29	HTD5	327	463	32.5	ZTD1	0	84	67	61	71	-	-	-	-	-	-
本页总计 (Page Total)		65		119.535																															

取样板号 Sample No: 20310592010301  
 产品号 (Plate No): 20310592010202, 20310592010703, 20310592010204, 20310592010301, 20310592010302, 20310592010303, 20310592010304, 20310592010401, 20310592010402, 20310592010403, 20310592010404, 20310592010501, 20310592010502, 20310592010503, 20310592010504, 20310592010601, 20310592010602, 20310592010603, 20310592010604, 20310592010701, 20310592010702, 20310592010203

取样板号 Sample No: 20310592020301  
 产品号 (Plate No): 20310592020703, 20310592020202, 20310592020203, 20310592020204, 20310592020401, 20310592020402, 20310592020304, 20310592020403, 20310592020404, 20310592020501, 20310592020502, 20310592020503, 20310592020601, 20310592020602, 20310592020603, 20310592020302, 20310592020303, 20310592020604, 20310592020701, 20310592020702

取样板号 Sample No: 20310592030301  
 产品号 (Plate No): 20310592030202, 20310592030703, 20310592030204, 20310592030301, 20310592030302, 20310592030303, 20310592030304, 20310592030401, 20310592030402, 20310592030403, 20310592030404, 20310592030501, 20310592030502, 20310592030503, 20310592030504, 20310592030601, 20310592030602, 20310592030603, 20310592030604, 20310592030701, 20310592030702, 20310592030203

**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.

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 - 横向 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 - 全厚度 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:

质检验员  
Chief of Inspection