

质量证明书

MILL TEST CERTIFICATE

证明书编号CERTIFICATE NO.: JJTZ-20240102-02411

合同号CONTRACT NO.: TGXS-XSBA2024010013

产品名称 Product	热轧中厚板 HOT ROLLED STEEL PLATES		标准 Standard	不保性能, 其它要求 执行GB/T 711-2017	牌号 Grade	45	交货状态 Delivery *1	AR	切边标记 Trim Flag	二切	计重方式 WT. Way	实重	发货日期 Date of Delivery	2024-01-02	签发日期 Date of Issue	2024-01-02						
序号 NO.	炉号 Heat NO.	批号 Batch NO.	钢板号 Plate NO.	化学成分 (熔炼分析) Chemical Composition (Heat Analysis) /% *2												拉伸试验Tensile Test						
				C	Si	Mn	P	S	Cr	Ni	Cu	Alt	-	-	-	-	-	-	位置方向 *3	屈服强度 Y. S. /MPa	抗拉强度 T. S. /MPa	屈强比 YR/%
1	12315312	-	231221007200	46	23	61	9	6	10	0	0	8	-	-	-	-	-	-	-	-	-	-
2	12315312	-	231221007300	46	23	61	9	6	10	0	0	8	-	-	-	-	-	-	-	-	-	-
3	12315312	-	231221007100	46	23	61	9	6	10	0	0	8	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
序号 NO.	钢板号 Plate NO.	尺寸Size			重量 Mass 吨 (t)	“V”型冲击试验Impact Test				Z向断面收缩率 Reduction of Area, Z (A) /%				备注 Remarks								
		厚度 Thickness mm	宽度 Width mm	长度 Length mm		温度 ℃	厚度 mm	位置 方向 *3 Impact Energy/J			1 2 3 AVE											
1	231221007200	14	2500	12000	3.4290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1. 用户提出质量异议, 需提供证明书编号、炉号、批号、钢板号、牌号、规格、重量等信息。(In case of dispute the purchaser shall supply the CERTIFICATE NO. \HEAT NO. \BATCH NO. \PLATE NO. \GRADE \DIMENSION \WEIGHT \ETC.) 2. 不保力学性能。
2	231221007300	14	2500	10100	2.8840	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	231221007100	14	2500	12000	3.4270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
合计 Total	件数 Pieces	3	重量 Mass	9.7400	弯曲Bend Test d=				超声 U. T.	-	电话 Tel.	022-24706633	制表 Lister	刘胜伟								
尺寸合格 Dimensions Qualified			外形合格 Shape Qualified		表面质量合格 Surface Quality Qualified				综合判定合格 Comprehensive Judgment Qualified				邮编 Postcode	300301	审签 Approver	郭少松						

No.2 European Certificate

Certificate

Quality management system for manufacturer of materials acc. to AD 2000-Merkblatt W 0

Certificate no.: 01 202 CHN/Q-14 0520.00

Name and address of the certificate holder: **Chengde Jianlong Special Steel Co., Ltd.**
Pinganpu Town, Xinglong County,
067201 Chengde City
P.R. China

This is to certify, that the above-mentioned manufacturer of materials

- has facilities permitting manufacturing and inspection in conformity with the present technical code,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical codes and regulations,
- has qualified personnel for manufacturing, testing and monitoring.

Test basis: **QM-System according to AD 2000-Merkblatt W 0, Clause 3.1.2**

Audit report no.: 01 202 CHN/Q-14 0520

Scope: **Manufacture of Billets for Railway Wheels, see annex to the certificate: 01 202 CHN/Q-14 0520, revision 3 from 20.09.2023**

Manufacturing plant: see certificate holder

Validity: **This certificate is valid until 2026-10-31.**

Cologne, 2023-10-11

Z. Krüger-Führ
Ines Krüger-Führ
Certification Body for material manufacture



TÜV Rheinland Industrie Service GmbH
Certification Body for material manufacture
Am Grauen Stein, D-51105 Cologne

MS-0001559 E-10RB-E-Rtw.02

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