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徐州华顺测控技术有限公司

Xuzhou HuaShun M&C technology co., LTD

检测报告

Examining report

委托单位	徐州靓戈尔机械设备有限公司
Entrust Unit	Xuzhou Lianggeer Machinery Equipment Co., LTD
工程名称	U4000P85-1 热轧样件理化试验
Project name	U4000P85-1 Physical and Chemical Tests on Hot-Rolled Samples
报告编号	BG2026HSZ5610
Report number	
检测人员	
Tested By	
审核人员	
Checked by	
批准人员	
Approved by	

徐州华顺测控技术有限公司

Xuzhou HuaShun M&C technologyco.,LTD

检测专用章

Special seal for testing

签发日期：2026年04月29日

Date of issuance: 04-29-2026

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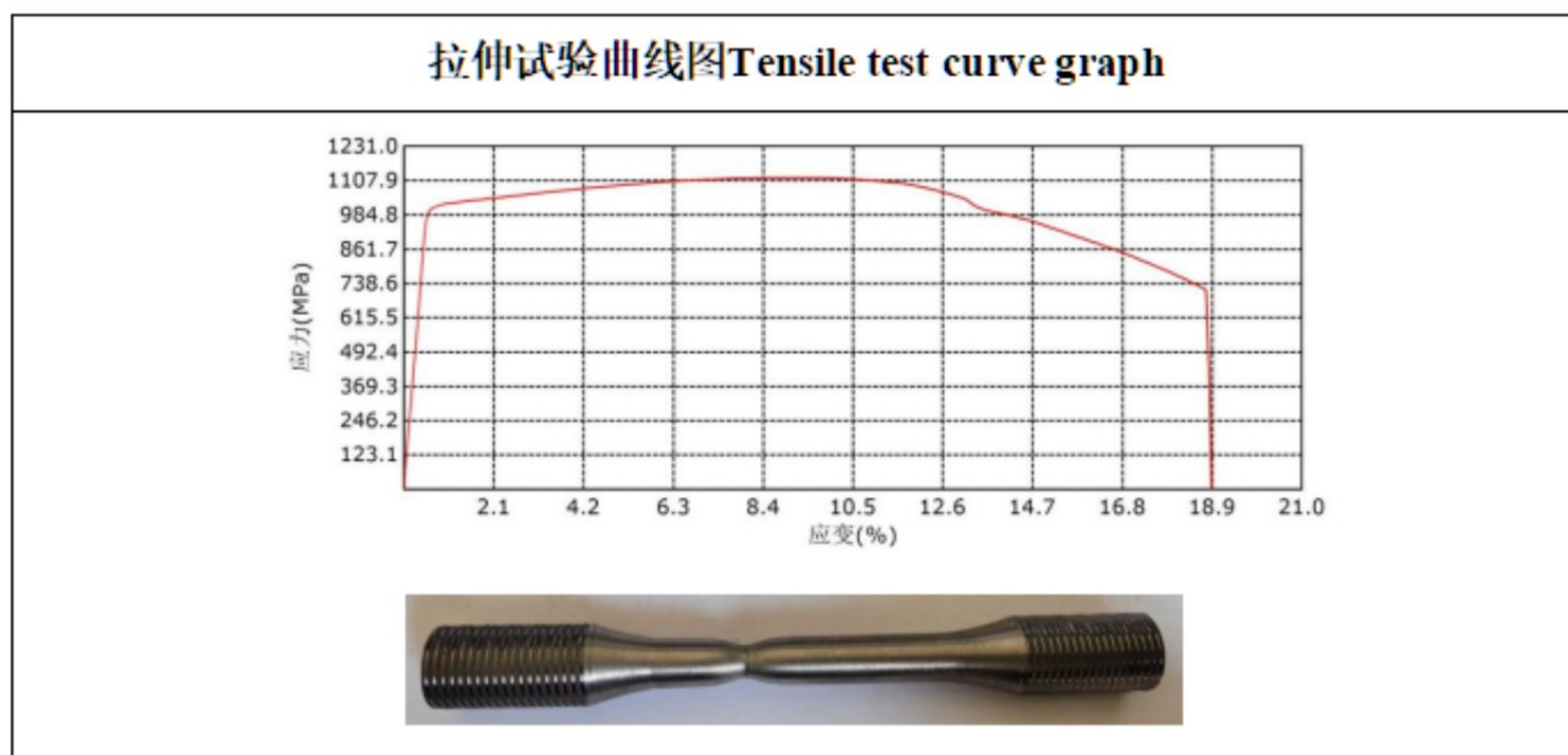
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拉伸试验报告

Tensile Test Report

委托单位 Client	徐州靓戈尔机械设备有限公司 Xuzhou Liange Machinery Equipment Co., Ltd.	检测日期 The date of detection	2026.04.29
工程名称 Project name	U4000P85-1 热轧样件理化试验 U4000P85-1 Physical and Chemical Tests on Hot-Rolled Samples	记录编号 Record number	JL-HS20265610
		委托编号 Entrustment number	2026042414502268
		项目编号 Project number	2026HS-LGR012
检测项目 Surveillance project	拉伸试验 Tension test	工艺规程 PROC	GY-HS21
试样名称 Sample name	U4000P85-1 热轧样件-拉伸试样 U4000P85-1 Hot-rolled specimen – Tensile test sample	试样材质 Sample material	/
试样编号 Sample number	OU4000P85-1	试样数量 Number of samples	1件 One piece
规格mm Standard mm	Φ12.5*180	图号 figure number	/
环境温度 Ambient temperature	24°C	/	/
设备名称 Device name	万能试验机 WDW-300 universal test(ing) machine WDW-300	设备编号 Equipment number	Y019
检测标准 Criterion of detection	GB/T 228.1-2021《金属材料 拉伸试验 第1部分：室温试验方法》 GB / T 228.1-2021. Tensile testing for metallic materials- -Part 1: Test methods at room temperature		
评定标准 Criteria for evaluation	/		
样品状态 Sample status	委托单位送检试样为已加工试样，试样规格尺寸与加工精度符合检测标准要求。 The samples submitted by the entrusting unit are the processed samples, and the size and processing accuracy of the samples meet the requirements of the testing standards.		
结论 Conclusion	依据GB/T 228.1-2021检测标准，对委托试样进行检测，检测结果详见下表。 According to GB / T 228.1-2021 test standard, the test results are shown in the following below.		

BG77 拉伸试验结果及评定 Pull stretch try examine bear fruit reach comment fix				
检测标准 Criterion of detection	GB/T 228.1-2021		评定标准 Criteria for evaluation	/
试验温度 Test temperature	室温24℃ Room temperature		试验目的 Test objective	/
试样编号 Sample number	OU4000P85-1		影响因素 Influencing factor	/
试验参数 Test parameters	抗拉强度 R_m /MPa Tensile strength R_m /MPa	屈服强度 $R_{p0.2}$ Yield strength $R_{p0.2}$	伸长率 A /% Elongation A /%	断面收缩率 Z /% Reduction of area Z /%
客户技术要求 Customer technical requirements	/	/	/	/
试验结果 Test result	1119MPa	1016MPa	19%	58%
断裂位置 Broken position	标距内断裂 Internal fault of standard distance			
试验结论 Conclusion of the experiment	/			
备注（缺欠类型和尺寸） Remarks (Missing arrears type and dimensions)	/			

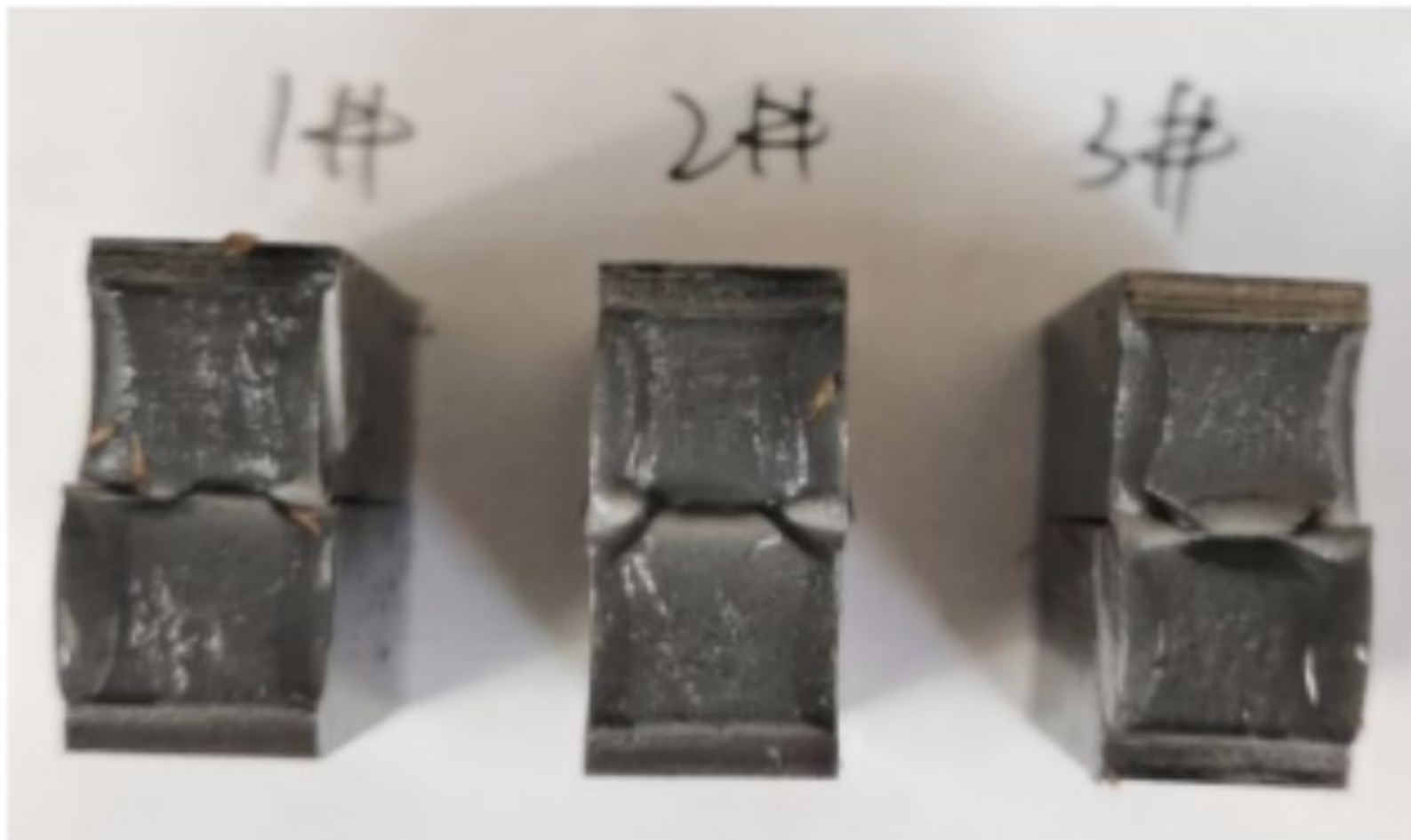


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冲击试验报告

Impact test report

委托单位 Client	徐州靓戈尔机械设备有限公司 Xuzhou Liange Machinery Equipment Co., Ltd.	检测日期 The date of detection	2026.04.29
工程名称 Project name	U4000P85-1 热轧样件理化试验 U4000P85-1 Physical and Chemical Tests on Hot-Rolled Samples	记录编号 Record number	JL-HS20265610
		委托编号 Entrustment number	2026042414502268
		项目编号 project number	2026HS-LGR012
检测项目 Surveillance project	冲击试验 Blow-test	工艺规程 PROC	GY-HS23
试样名称 Sample name	U4000P85-1 热轧样件-冲击试样 U4000P85-1 Hot-rolled specimen-Impact specimen	试样材质 Sample material	/
试样编号 Sample number	OU4000P85-1-1#/2#/3#	试样数量 Number of samples	3件 Three pieces
规格mm Standard mm	10*10*55	环境温度 Ambient temperature	24°C
设备名称 Device name	冲击试验机 JB-300B 冲击试验低温槽 CDC-60 Impact impact testing machine JB-300B Impact test low-temperature tank CDW-60	设备编号 Equipment number	Y020 Y026
检测标准 Criterion of detection	GB/T 229-2020《金属材料 夏比摆锤冲击试验方法》 GB/T 229-2020 《Metallic materials-charpy pendulum impact test method》		
评定标准 Criteria for evaluation	/		
样品状态 Sample status	委托单位送检试样为已加工试样，试样规格尺寸与加工精度符合检测标准要求。 The samples submitted by the entrusting unit are the processed samples, and the size and processing accuracy of the samples meet the requirements of the testing standards.		
结论 Conclusion	依据 GB/T 229-2020检测标准对委托试样进行检测，检测结果详见下表。 The commissioned samples were tested according to GB / T 229-2020 test standard. The test results are shown in the following table.		

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Pull stretch try examine bear fruit reach comment fix							
检测标准 Criterion of detection		GB/T 229-2020		评定标准 Criteria for evaluation		/	
试验温度 Test temperature		-40℃		影响因素 Influence factor		无 Nothing	
试样编号 Sample number		Φ85					
试样编号 Sample number		OU4000P85-1-1#		OU4000P85-1-2#		OU4000P85-1-3#	
客户技术要求 Customer technical requirements		/					
试验结果KV ₂ /J Test resultKV ₂ /J		57J		58J		60J	
平均值KV ₂ /J Average valueKV ₂ /J		58J					
试验结论 Conclusion of the experiment		/					
备注 Remarks		/					
冲击断口图Impact fracture surface diagram							
							



洛氏硬度试验报告

Rockwell hardness test report

工艺规程 Process	GY-HS018	原始记录编号 Original record number	JL-HS20265610	报告编号 Report number	BG2026HSZ5610
委托单位 Entrust Unit	徐州靓戈尔机械设备有限公司 Xuzhou Lianggeer Machinery Equipment Co., LTD		检测数量 The quantity of detection	3件 Three pieces	
工程名称 Project name	U4000P85-1 热轧样件理化试验 U4000P85-1 Physical and Chemical Tests on Hot-Rolled Samples		工件名称 Artifact name	U4000P85-1 热轧样件 U4000P85-1 Hot-rolled sample	
项目编号 Project number	2026HS-LGR012		委托单号码 Entrust single	2026042414502268	
工件规格 Workpiece specifications	送样 send sample		样品编号 Sample number	1#、2#、3#	
表面状态 Surface state	平坦光滑 Flat and smooth		工件材质 Workpiece	/	
检测标准 Criterion of detection	GB/T 230.1-2018金属材料 洛氏硬度 试验 第1部分：试验方法 GB / T 230.1-2018 Metallic materials-Roche-hardness testing-Part		试验温度 Test temperature	室温24℃ Room temperature	
检测仪器 Test Equipment	洛氏硬度计 Rockwell hardometer		仪器编号 Instrument	Y023	
仪器型号 Instrument	HR-150A		影响因素 Influencing	无 None	

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洛氏硬度试验数据明细表 Schedule of the Rockwell hardness test data

Hardness, HRC Depth,mm	1#	2#	3#
1mm	58	57.5	56.5
2mm	58.5	57	57
3mm	58	57	57
4mm	58	57	57
5mm	58	58	57.5
6mm	58	57.5	57
7mm	46.5	57.5	43
8mm	35	37	33
9mm	37	34.5	36
10mm	37.5	36	36

检测示意图 Detection schematic diagram



检测: Tested By:	审核: Checked by:	批准: Approved by:
日期: Date : 2026.04.29	日期: Date : 2026.04.29	日期: Date : 2026.04.29