

# 检 测 报 告

## TEST REPORT

报告编号/No.: STS22RY06264

样品名称 钢板

Sample Name /

委托单位 苏州达科静风管业有限公司

Client /

检验类别 委托检验

Test Type Entrustment Inspection

江苏科泰检测技术服务有限公司  
Jiangsu Science Test Technology Service Co., Ltd



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委托单位名称 Client's Unit	苏州达科静风管业有限公司		
地址/电话 Add./Tel.	苏州市相城区阳澄湖镇石田路 28 号		
样品描述 Sample Description	样品状态/ Sample Description: 固态/ Solid state 样品名称/ Sample Name: 钢板 规格/ Size: 8mm 钢卷号/Steel coil,: C860191400	样品数量/ Sample Quantity: 1 材质/Material: Q235B 炉号/Furnace no.: 1872008007 (沙钢) 其它/Else: /	
检测设备 Test Equipment	微机控制电子万能试验机 ETM305D Microcomputer controlled electronic universal testing machine ETM305D 微机控制电液伺服万能试验机 HUT106A Microcomputer controlled electro-hydraulic servo universal testing machine HUT106A 摆锤冲击试验机 PIT452D-3 Pendulum impact testing machine PIT452D-3 直读光谱仪 ARL3460/Direct reading spectrometer ARL3460		
检测标准 /检测项目/检测结果 Test Methods /Test Items/ Test Results	见下页 Vide infra		
送样日期 Delivering Date	2022.06.27	检验日期 Test Date	2022.07.04-05
检验地点 Test Place	江阴实验室 Jiangyin Laboratory		
编制 Compiled by	朱艳		
审核 Checked by	梅永		
批准 Approved by	朱焯		



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### 1. 拉伸试验/Tensile test

检测标准/Test standard: GB/T 228.1-2010

检测结果/Test results:

试样编号 Sp. No.	抗拉强度 R <sub>m</sub> Tensile Strength (MPa)	规定塑性延伸强度 R <sub>p0.2</sub> Proof Strength R <sub>p0.2</sub> (MPa)	断后伸长率(A) Percentage Elongation after Fracture (%)	备注 Note
技术要求 Tech. req.	370~500	≥235	≥26	选自/From the GB/T700-2006, Q235B
1-1	411	265	35.5	符合 Acceptable

### 2. 弯曲试验/Bend test

检测标准/ Test standard: GB/T 232-2010

检测结果/Test results:

试样编号 Sp. No.	试验类型 Test type	试样尺寸 Specimen Size (mm)	弯心直径 Bend enter Diameter (mm)	弯曲角度 Bend angle (°)	支辊间距离 Distance Between the Sticks(mm)	结果 Result	备注 Note
1-2	冷弯 Cold Bend	20*8*200	16	180	35	无缺陷 No defect	合格 Qualified

### 3. 冲击试验/Impact test

检测标准/ Test standard: GB/T 229-2020

检测结果/Test results:

试样编号 Sp. No.	试样尺寸 (mm)	缺口类型 Type	试验温度 Test temperature (°C)	冲击吸收能量 KV <sub>2</sub> Impact energy (J)			平均值 AVG	备注 Note
技术要求 Tech. req.	----	V	20	≥27*0.75=20.25				选自/From the GB/T700-2006, Q235B
1-3~5	7.5*10*55	V	20	130	118	147	132	符合 Acceptable

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4.成分分析/Component analysis

检测标准/ Test standard: GB/T 4336-2016

检测结果/Test results:

试样编号 Sp. No.	C (%)	Si (%)	Mn (%)	P (%)	S (%)	备注 Note
技术要求 Tech. req.	≤0.20	≤0.35	≤1.40	≤0.045	≤0.045	选自/From the GB/T700-2006, Q235B
1-6	0.15	0.08	0.20	0.025	0.006	符合 Acceptable



样品照片/Sample photo

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