天津源美脚手架有限公司

TIANJIN WELLMADE SCAFFOLD CO.,LTD

No.1 Guangyuan Rd.,Tangguantun Industrial and Logistic Zone,Jinghai County,Tianjin,China

产品质量报告

STEEL MATERIAL TEST REPORT

合同号（Contract No.）：C00733	客户订单号（Po NO.）:4513513600	生产订单号（Job No.）：WMYQ191118
客户材料代码 Item No.：1002453019	炉号 Furnace Number：H-01519	版本号 Version Number：WM 2020060819
产品名称 Product Name： 4.0m 无挂钩踏板 Steel Board	执行标准 Standard： BS EN12811-1、GB/T3274	数量 Quantity：970

1、测试项目 Test item		化学成分分析 Chemical Composltion Analysis					
材质 Material	元素 Element	碳 C	锰 Mn	磷 P	硫 S	硅 Si	结论 Conclusion
Q235	要求 Req.,%	≤0.20	≤1.4	≤0.040	≤0.045	≤0.25	---
	结果 Result,%	0.0	0.40	0.020	0.033	0.17	合格 Pass

2、测试项目 Test item			拉伸试验 Tensile Test			
材质 Material	测试项目 Test item		屈服强度 Yield Strength (Rm) (Mpa)	抗拉强度 Tensile Strength (ReH) (Mpa)	伸长率 Elongation after (A) (%)	结论 Conclusion
Q235	要求 Req.		≥235	≥350	≥26	---
	结果 Result	1	240	362	40	合格 Pass
		2	244	358	41	合格 Pass

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3、测试项目 Test item		承载力测试 Bearing capacity test			
测试项目 Test item	跨度 Test span	负载值 Value of Load	标准要求 Standard requirements	测量结果 Result	结论 Conclusion
集中负载面积 Concentrated load on area 500*500mm	1.5m	1.50KN	在踏板500*225mm的面积上集负载指定力，踏板变形尺寸不得超过15mm. The platform unit shall be capable of supporting the concentrated load on area 500*225mm and the deflection at the center of span shall not exceed 15mm.	在踏板500*225mm的面积上集中负载标准力，踏板变形尺寸为11.34mm. The platform unit was capable of supporting the concentrated load on area 500*225mm and the deflection at the center of span was 11.34mm.	合格 Pass
集中负载面积 Concentrated load on area 200*200mm		1.00KN	在踏板200*200mm的面积上集负载指定力，踏板变形尺寸不得超过15mm. The platform unit shall be capable of supporting the concentrated load on area 200*200mm and the deflection at the center of span shall not exceed 15mm.	在踏板200*200mm的面积上集中负载标准力，踏板变形尺寸为10.64mm. The platform unit was capable of supporting the concentrated load on area 200*200mm and the deflection at the center of span was 10.64mm.	合格 Pass

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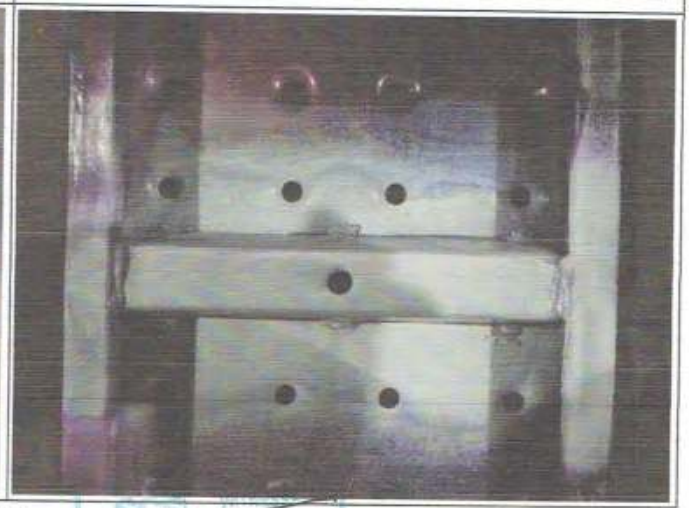
4、测试项目 Test item	焊缝检测 dyepenetrantinspection		
表面状态 Surface state	良好 ok	检测部位 Detection site	焊缝 Weld seam
渗透剂种类 Type of penetrant	着色渗透剂 Dye penetrant	检测类型 Detection type	EN571-1-IICe-2
渗透剂施加方法 Penetrant application method	喷 Spurt	渗透时间 Penetration time	20min
显像剂施加方法 Method of application of imaging agent	喷 Spurt	显像时间 Display time	5min
检测比例 Detection ratio	100%	合格级别 Qualification level	I
检测部位缺陷情况 Check for defects at the site	无	缺陷类 Defect class	无
检测标准 Standard		EN571、NB/T47013.5-2015	



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5、测试项目 Test item		尺寸测量 Dimension Measurement (单位 Unit：mm)			
名称 Name	测试项目 Test item	标准规定 Nominal value	允许偏差 requirements	测量结果 Measure Result	结论 Conclusion
C 型钢 C type pipe	外观 Appearance	表面光洁 The tubes shall a smooth esternal surface	---	符合要求 OK	合格 Pass
	壁厚 Wall thickness	1.5	±0.1	1.49	合格 Pass
	长度 Length	4000	±5	4001	合格 Pass
	宽度 wide	225	±3	225	合格 Pass
	高度 highly	38	±2	39	合格 Pass
防滑孔 Non-slip hole	孔径 Aperture	10	±1	9.7	合格 Pass
	孔翻边	高出板面 Raised surface	--	符合要求 OK	合格 Pass
	孔距 hole spacing	50-60	±2	符合要求 OK	合格 Pass
结论 Note		经检验，产品质量符合 BS EN12811-1 标准要求。 (Raw Material Meet Up BS EN12811-1 Standard).			
检验员 Inspector		审批 Approve		制表时间 Tabulation time	
王月庆 Yue Qing Wang		陈亚雷 ChenYaLei		2020-06-08	

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