

Test Report

No.: AJD201405754

Date: SEP 12, 2014

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ZHEJIANG SUNON FURNITURE MANUFACTURE CO., LTD

NO.35 NINGDONG ROAD, XIAOSHAN ECO & TEC ZONE HANGZHOU CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description	VERTU SERIAL
Manufacturer Name	ZHEJIANG SUNON FURNITURE MANUFACTURE CO., LTD
Sample Receiving Date	JUL. 11, 2014
Test Performing Date	JUL. 11, 2014 TO JUL.15, 2014

Test Result Summary			
No.	Test(s) Requested	Result(s)	Comments
1	Based on requirements in: QB/T 2280-2007 Clause 6.6.5& 6.6.6; ANSI/BIFMA X5.1-2011 Clause 8	PASS	---
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Co., Ltd.

David Fan
Engineer

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Test conducted: Based on QB/T 2280-2007 & BIFMA X5.1-2011

Test result:

Test Item	Test Method	Test Principle & Requirement	Test Result
Arm Strength Test – Vertical – Static (Functional Load)	QB/T 2280-2007, Clause 6.6.5	There shall be no damage, obvious deformation, loosening or no function loss of lifting and swiveling mechanism when a force of 890N (200lbf.) is applied vertically to the armrest for 1 minute.	PASS
Arm Strength Test – Vertical – Static (Proof Load)	QB/T 2280-2007, Clause 6.6.5	There shall be no damage, obvious deformation, loosening or no function loss of lifting and swiveling mechanism when a force of 1334N (300lbf.) is applied vertically to the armrest for 1 minute.	PASS
Arm Strength Test–Horizontal – Static (Functional Load)	QB/T 2280-2007, Clause 6.6.6	There shall be no damage, obvious deformation, loosening or no function loss of lifting and swiveling mechanism when a force of 445N (100lbf.) is applied horizontally outward to the armrest for 1 min.	PASS
Arm Strength Test–Horizontal – Static (Proof Load)	QB/T 2280-2007, Clause 6.6.6	There shall be no damage, obvious deformation, loosening or no function loss of lifting and swiveling mechanism when a force of 667N (150lbf.) is applied horizontally outward to the armrest for 1 minute.	PASS
Drop Test – Dynamic (Functional Load)	BIFMA X5.1-2011, Clause 8	There shall be no loss of serviceability when a 102kg (225lb.) weight free falls from 152mm (6in.) height to the center of the seat one time (for the seat height is adjustable, test one time in its highest position then one time in its lowest position).	PASS
Drop Test – Dynamic (Proof Load)	BIFMA X5.1-2011, Clause 8	There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) when a 136kg (300lb.) weight free falls from 152mm(6in.) height to the center of the seat one time (for the seat height is adjustable, test one time in its highest position then one time in its lowest position).	PASS

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Sample Photo:



Sample view 1

Sample view 2

Sample view 3

End of Report

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