

Test Report

No.: AJHL1711004254FT

Date: NOV 29, 2017

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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	RICHUAN
Style/Item No.	137600007 (SPECIFICATION: 520*370*650)
Manufacturer Name	ZHEJIANG SUNON FURNITURE MANUFACTURE CO. LTD
Sample Receiving Date	NOV 28, 2017
Test Performing Date	NOV 28, 2017 TO NOV 29, 2017

Test Result Summary	
Test(s) Requested	Result(s)
ANSI/BIFMA X5.1-2017, Clause 6, 7, 12, 13	PASS
Summary: 1. For further details, please refer to the following page(s)	

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

David Fan
Approved Signatory



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgs.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 e sgs.china@sgs.com

Test Conducted: ANSI/BIFMA X5.1 -2017 General-Purpose office chairs -Tests

Test Result:

Test Item	Test Principle & Requirement	Test Result
Backrest Strength Test - Static - Type III (Functional Load) (Clause 6)	There shall be no loss of serviceability when a force of 667N (150lbf.) is applied $90^{\circ} \pm 10^{\circ}$ to the back at 406mm (16in.) above the seat for 1 minute.	PASS
Backrest Strength Test - Static - Type III (Proof Load) (Clause 6)	There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) when a force of 1001N (225lbf.) is applied $90^{\circ} \pm 10^{\circ}$ to the back at 406mm (16in.) above the seat for 1 minute.	PASS
Drop Test-Dynamic (Functional Load) (Clause 7)	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) (Clause 7)	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
Arm Strength Test – Vertical – Static (Functional Load) (Clause 12)	There shall be no loss of serviceability when a force of 750N (169lbf.) is applied vertically to the armrest for 1 minute.	PASS
Arm Strength Test – Vertical – Static (Proof Load) (Clause 12)	There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) when a force of 1125N (253lbf.) is applied vertically to the armrest for 15s.	PASS
Arm Strength Test – Horizontal – Static (Functional Load) (Clause 13)	There shall be no loss of serviceability when a force of 445N (100lbf.) is applied horizontally outward to the armrest for 1 min.	PASS
Arm Strength Test – Horizontal – Static (Proof Load) (Clause 13)	There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) when a force of 667N (150lbf.) is applied horizontally outward to the armrest for 15s.	PASS

Remark:

- Type of chair:
Type III-fixed seat angle, fixed backrest: A chair that provides a fixed seat angle with a fixed backrest. This may include chairs with legs, including sled base chairs.
- Excluding the result of Clause 7, the other results were copied from test report No.: AJHL1710003834FT, Date: OCT 23, 2017.



Photo Appendix



Sample as received - View 1



Sample as received - View 2



Sample as received - View 3



Sample as received - View 4

SGS authenticate the photo on original report only

End of Report