

Test Report

No.: AJHL1604003194FT

Date: APR.19, 2016

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ZHEJIANG SUNON FURNITURE MANUFACTURE CO., LTD

NO.35 NINGDONG ROAD XIAOSHAN ECONOMIC & TECHNOLOGICAL DEVELOPMENT ZONE,
HANGZHOU, ZHEJIANG

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

Sample Description	OLIVE
Type/Style	COL62SW (TYPE I)
Sample Receiving Date	APR.08, 2016
Test Performing Date	APR.08, 2016 TO APR.15, 2016

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	ANSI/BIFMA X5.1-2011, Clause 5, 7, 13 & 14	PASS	/

For further details, please refer to the following page(s)

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



David Fan
Approved Signatory



SGS-CSTC Standards Technical Service Co., Ltd.
Anji Branch Furniture Goods Laboratory.

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Test Conducted: ANSI/BIFMA X5.1 -2011 General-Puopse office chairs -Tests

Test Result:

Test Item	Test Principle & Requirement	Test Result
Backrest Strength Test– Static –Type I (Functional Load) (Clause 5)	There shall be no loss of serviceability when a force of 890N (200lbf.) is applied 90°± 10° to the back at 406mm (16in.) above the seat for 1 minute.	Pass
Backrest Strength Test– Static –Type I (Proof Load) (Clause 5)	There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) when a force of 1334N (300lbf.) is applied 90°± 10° to the back at 406mm (16in.) above the seat for 1 minute.	Pass
Base Test – Static (Clause 7)	There shall be no sudden and major change in the structural integrity when a compression force of 11120N (2500lbf.) load is applied for 1 minute. The force is then removed and reapplied for 1 minute. The center column may not touch the test platform during load applications.	Pass
Arm Strength Test – Vertical – Static (Functional Load) (Clause 13)	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 13)	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 1 minute.	Pass
Arm Strength Test – Horizontal – Static (Functional Load) (Clause 14)	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 14)	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 1 minute.	Pass

Remark:

1. Type of chair:

Type I – tilt chair: a chair with a seat tilts with a counterbalancing force.

Type III–fixed seat angle, fixed backrest: a chair that provides a fixed seat angle with a fixed backrest.



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Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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