

# **Test Report**

No.: AJHL1709003543FT

Date: SEP 20, 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	WINGER VISITOR CHAIR (BOW FRAME)
Style/Item No.	137600007 (SPECIFICATION: 520*370*650)
Manufacturer Name	ZHEJIANG SUNON FURNITURE MANUFACTURE CO. LTD
Sample Receiving Date	SEP 11, 2017
Test Performing Date	SEP 11, 2017 TO SEP 13, 2017

Test Result Summary			
Test(s) Requested	Result(s)		
ANSI/BIFMA X5.1-2017, Clause 6 & 7	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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### 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° 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° 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

#### **Remark:**

1. 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.



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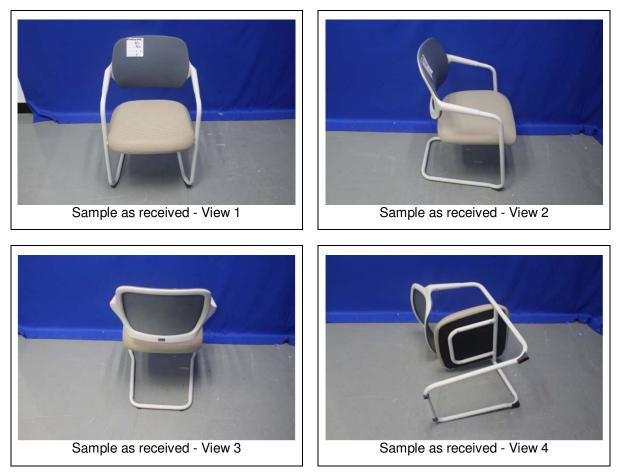
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## Photo Appendix



SGS authenticate the photo on original report only \*\*\*End of Report\*\*\*



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