

Test Report

No.: SDHGR121002513FT

Date: Nov.01, 2012

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ZHONG SHAN SHI SONGLIN FURNITURE CO. LTD
B BLOCK, JINLI INDUSTRIAL ZONEMSANXING ROAD, SANJIAO TOWN,
ZHONGSHAN CITY, GUANGDONG PROV., CHINA 528400

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

Sample Description : OFFICE CHAIR
Supplier Item No. : SL-A8
Manufacture : ZHONG SHAN SHI SONGLIN FURNITURE CO. LTD
Country of Destination : USA
Sample Receiving Date : Oct.15, 2012
Test Performing Date : Oct.15, 2012 to Nov.01, 2012

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Clause 5.4, 8.4 11.3 and 15 of ANSI/BIFMA X5.1-2011	PASS	/

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

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



Jack Yao
Approved signatory

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Test Conducted: Clause 5.4, 8.4 11.3 and 15 of ANSI/BIFMA X5.1 -2011 General –Purpose Office Chair – Tests, American National Standard for Office Furniture.

Type of chair: Type I

Test Items	Test Methods & Requirements	Test Results
Back Strength Test - Static - Type I – Clause 5.4 (Functional Load)	I No structural breakage or loss of serviceability when 200 lb (890 N) is applied for 1 min. applied to 90° from back at 16 in above the seat. If the back is less than 17.8 in, the load is applied at the top of the back.	PASS
Back Strength Test - Static - Type I – Clause 5.4 (Proof Load)	No sudden and major change in the structural integrity (Loss of serviceability is acceptable) when 300 lb (1334 N) is applied for 1 min. applied to 90° from back at 16 in above the seat. If the back is less than 17.8 in, The load is applied at the top of the back.	PASS
Drop Test – Dynamic - Functional Load Clause 8.4.1	No loss of serviceability when 102kg (225lbs.) weight free falls from 6in. height to the center of the seat.	PASS
Drop Test Dynamic - Proof Load Clause 8.4.2	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 136kg (300lbs.) weight free falls from 6in. height to the center of the seat.	PASS
Impact Test – Cyclic Clause 11.3	No loss of serviceability in 100,000cycles impact. A weight of 57kg (125lbs.) free falls onto the seat from 1.2 in. height.	PASS
Back Durability Test – Cyclic – Type I Clause 15	No loss of serviceability in 120,000 cycles with a 102kg (225lbs.) in the center of the seat and a 445N (100lbf.) 90° to the center of the chair back. For chairs with a back width greater than 406mm (16in.), test at the center of chair back for 80,000cycles and then 102mm (4in.) off-center 40,000 cycles, half to each side.	PASS

Remark:

1) Sample details:

Overall dimensions:	690 mm L x 635 mm W x 1090~1180 mm H
Weight	20.52kg

2) NA – Not applicable;

3) Type of chair:

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

Type II – fixed seat angle, tilting backrest: a chair that provides a fixed angle with a tilting backrest;

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

To be continued...

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Photo Appendix



Sample as received – View 1



Sample as received – View 2



Sample as received – View 3



Sample as received – View 4

End of Report

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