

Test Report

No.: SDHGR110701170FT

Date: Jul 25, 2011

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ZHOGN SHAN SHI SONGLIN FURNITURE CO., LTD
B BLOCK, JINLI INDUSTRIAL ZONE, SANXING 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
Style / Item No. : SL-E1, SL-D1
Manufacture : ZHOGN SHAN SHI SONGLIN FURNITURE CO., LTD
Country of Destination : USA
Sample Receiving Date : Jul 12, 2011
Test Performing Date : Jul 12, 2011 to Jul 25, 2011
Test Performed : Clause 5, 6 and 16 of ANSI/BIFMA X5.1 -2011 General –Purpose Office Chair – Tests, American National Standard for Office Furniture.
Test Result(s) : For further details, please refer to the following page(s)
Comments / Conclusion : PASS
The submitted sample met the requirements of Clause 5, 6 and 16 of ANSI/BIFMA X5.1 -2011

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



Jack Yao
Laboratory Manager

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Test Conducted: Clause 5, 6 and 16 of ANSI/BIFMA X5.1 -2011 General –Purpose Office Chair – Tests,
American National Standard for Office Furniture. Type of chair: Type I & Type III

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
Back Strength Test - Static - Type II & III - Functional Load Clause 6.4.1	No loss of serviceability when 150 lb (667 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 II & III - Proof Load 6.4.2	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 1112N (250lbs.) is applied for 1 min. Applied 90° to the back at 16in. above the seat.	PASS
Back Durability Test – Cyclic – Type II & III Clause 16	No loss of serviceability in 120,000 cycles with a 102kg (225lbs.) in the center of the seat and a 334N (75lbf.) 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:	640mm x 625mm x 985mm
Weight	19.28kg

2) 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;

3) The applicant claimed the products entitled as following style/item no. SL-E1 and SL-D1 are identical.

To be continued...

Photo Appendix



Sample as received – View 1



Sample as received – View 2

End of Report