

Test Report

No.: SDHL1705009935FT

Date: May 22, 2017

Page 1 of 3

NEW HAOWEI HARDWARE TECHNOLOGY CO., LTD
NO.1 HECHENG INDUSTRIAL ZONE B, HESHAN, JIANGMEN CITY.

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

Sample Description : CHAIR MECHANISM-NB002B
Style / Item No. : NB002B
Sample Receiving Date : Oct.17, 2016
Test Performing Date : Oct.17, 2016 to Nov.01, 2016

Test Result Summary

Test(s) Requested	Result(s)
Clause 8 & 15 of ANSI/BIFMA X5.1:2011 (Type I, III)	PASS
Summary:	
1. For further details, please refer to the following page(s).	

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



Caming Fan
Approved signatory



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SGS-CSTC Shunde Branch
Shunde Branch Harbin

1/F, 1st Building European Industrial Park, No.1 Shunde South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

TESTS AND RESULTS
Test Conducted:

Clause 8 & 15 of ANSI/BIFMA X5.1:2011 General-Purpose Office Chairs – Tests.

No. of Sample:

2 piece(s) (Sample 1&2). For more sample information and pictures, please refer to the following page.

Chair Type: Type I, III.

Test and Requirements	Test Results
8 Drop Test - Dynamic	
8.4.1 Functional Load Test There shall be no loss of serviceability when a test bag weighing 102 kg (225 lb.) is free fell from 152 mm (6 in.) above the uncompressed seat to the specified position on seat. Remove the bag, and set height to its lowest position and repeat the test for chairs with seat height adjustment features.	PASS
8.4.2 Proof Load Test There shall be no sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable when a test bag weighing 136 kg (300 lb.) is free fell from 152 mm (6 in.) above the uncompressed seat to the specified position on seat. Remove the bag, and set height to its lowest position and repeat the test for chairs with seat height adjustment features.	PASS
15 Backrest Durability Test - Cyclic - Type I A weight of 102 kg (225 lb.) shall be secured in the center of the seat. Apply a 445 N (100 lbf.) total force to the backrest at the specified position at a rate between 10 and 30 cycles per minute. For chairs with backrest widths less than or equal to 406 mm (16 in.) at the height of the loading point, apply the load to the backrest for 120,000 cycles. For chairs with backrest widths greater than 406 mm (16 in.) at the height of the loading point, apply the load to the backrest for 80,000 cycles + 20,000 cycles at the position 102 mm (4 in.) to the right of the vertical centerline + 20,000 cycles at the position 102 mm (4 in.) to the left of the vertical centerline.. There shall be no loss of serviceability. <i>Note: With the backrest at its back stop position, apply a force that is initially 90 degrees ± 10 degrees to the plane of the backrest. The force is not intended to be maintained at 90 degrees ± 10 degrees throughout the loading of the backrest.</i>	PASS

Remark:

1. N/A – Not applicable; N/R – Not Requested; N/P – Not provided.
2. The original test report Reference No. SDHL1705008860FT-01, issued date: May 15, 2017, was modified on May 22, 2017 according to original applicant's requirements. Following changes are included:
 - a. Change of applicant's name.
 - b. Change of applicant's address.
 - c. Delete manufacturer & supplier.
3. For the sample information and pictures, please refer to the following page.



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SGS-CSTC Inspection & Testing Services Co., Ltd.
Shunde Branch Harbin

1/F, 1st Building European Industrial Park, No.1 Shunde South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

SAMPLE INFORMATION AND PICTURES

Weight: 3.65 kg

Overall Dimensions: 245 mm L x 495 mm W x 215 mm H

Other Dimensions: /

Sample as Received



View 1



View 2

End of Report



SGS-CSTC 检测技术有限公司顺德分公司
Shunde Branch Harbin

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