

Test Report

No.: SDHL1707015713FT

Date: Aug.24, 2017

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FOSHAN ZHONG MENG SHENG YE OFFICE FURNITURE CO., LTD.
NO.6, GAOJIAO NANFANG INDUSTRIAL AREA, LONGJIANG TOWN,
SHUNDE DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE, CHINA.

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

Sample Description : OFFICE CHAIR
Style / Item No. : ZM-P44
Sample Receiving Date : Jul.28, 2017
Sample Resubmission Date : Aug.21, 2017
Test Performing Date : Jul.28, 2017 to Aug.24, 2017

Test Result Summary

Test(s) Requested	Result(s)
Clause 7, 15 and 20 of ANSI/BIFMA X5.1-2017 (Type 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



SGS-CSTC Shunde Branch
Shunde Branch Harbin

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TESTS AND RESULTS

Test Conducted:

Clause 7, 15 and 20 of ANSI/BIFMA X5.1-2017 General-Purpose Office Chairs – Tests.

No. of Sample:

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

Chair Type: Type III.

Test and Requirements	Test Results
7 Drop Test - Dynamic	
7.4.1 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
7.4.2 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 II and III A weight of 109 kg (240 lb.) shall be secured in the center of the seat. Apply a 334 N (75 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
20 Arm Durability Test – Cyclic Simultaneously apply a force of 400 N (90 lbf.) to each arm initially at a 10 degrees ± 1 degree angle. The arm loading device must follow the arm as it deflects or pivots. The force shall be applied and removed for 60,000 cycles at a rate between 10 and 30 cycles per minute. The arm loading device should distribute the load over a length of 100 mm (4 in.) on the arm pad. Center of load shall not be applied more than 25 mm (1.0 in.) in from the inside edge of the arm pad. There shall be no loss of serviceability to the chair.	PASS

Remark:

- For the sample information and pictures, please refer to the following page.



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SAMPLE INFORMATION AND PICTURES

Weight: 8.10 kg

Overall Dimensions: 695 mm L x 675 mm W x 815 mm H

Other Dimensions: /

Sample as Received



View 1



View 2



View 3



View 4

End of Report



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