

Test Report

No.: SDHL1607011861FT

Date: Jul.13, 2016

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FOSHAN ZHONGMENG SHENGYE FURNITURE CO.,LTD
NO.6 GAOJIAO NANFANG INDUSTRIAL ZONE, LONGJIANG TOWN,
SHUNDE DISTRICT,FOSHAN,GUANGDONG,CHINA

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

Sample Description : OFFICE CHAIR
Style / Item No. : ZM-611B
Manufacturer : FOSHAN ZHONGMENG SHENGYE FURNITURE CO.,LTD
Supplier : FOSHAN ZHONGMENG SHENGYE FURNITURE CO.,LTD
Sample Receiving Date : Jul.04, 2016
Sample Resubmission Date : Jul.11, 2016
Test Performing Date : Jul.04, 2016 to Jul.13, 2016

Test Result Summary

Test(s) Requested	Result(s)
Clause 5, 8 & 13 of ANSI/BIFMA X5.1:2011	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.



Bill Wang
Approved signatory



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TESTS AND RESULTS

Test Conducted:

Clause 5, 8 & 13 of ANSI/BIFMA X5.1:2011 General-Purpose Office Chairs – Tests.

No. of Sample:

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

Test and Requirements	Test Results
Safety, Durability and Structural Adequacy	
5 Backrest Strength Test - Static - Type I	
5.4.1 Functional Load There shall be no loss of serviceability to the chair when 890 N (200 lbf.) is applied to the backrest at the specified position for one (1) minute. 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.	PASS
5.4.2 Proof Load There shall be no sudden and major change in the structural integrity of the chair, loss of serviceability is acceptable, when 1334 N (300 lbf.) is applied to the backrest at the specified position for one (1) minute. 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.	PASS
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
13 Arm Strength Test - Vertical - Static	
13.4.1 Functional Load Apply an initially vertical pull force of 750N (169lbs.) to the load adapter which is 127 mm (5 in.) long and at least as wide as the width of the arm shall be attached to the top of the arm rest structure such that the load will be applied at the apparent weakest point that is forward of the chair backrest, for one (1) minute. There shall be no loss of serviceability. For a height adjustable arm, failure to hold its height adjustment position to within 6 mm (0.25 in.) from its original set position as the result of the loading is considered a loss of serviceability.	PASS



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Test and Requirements	Test Results
<p>13.4.2 Proof Load Apply an initially vertical pull force of 1125N (253 lbs.) to the load adapter which is 127 mm (5 in.) long and at least as wide as the width of the arm shall be attached to the top of the arm rest structure such that the load will be applied at the apparent weakest point that is forward of the chair backrest, for one (1) minute. There shall be no sudden and major change in the structural integrity of the chair. For a height adjustable arm, a sudden drop in height of greater than 25 mm (1 in.) does not meet this requirement. Loss of serviceability is acceptable.</p>	<p>PASS</p>

Remark:

1. N/A – Not applicable; N/R – Not Requested; N/P – Not provided.
2. For the sample information and pictures, please refer to the following page.



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SAMPLE INFORMATION AND PICTURES

Weight: 17.30 kg

Overall Dimensions: 720 mm L x 700 mm W x 965~1075 mm H

Other Dimensions: Base radius, 340 mm

Sample as Received



View 1



View 2



View 3



View 4

End of Report



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