

## Test Report

No.: SDHL1708018086FT

Date: Aug.31, 2017

Page 1 of 4

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-52  
Sample Receiving Date : Aug.25, 2017  
Test Performing Date : Aug.25, 2017 to Aug.31, 2017

### Test Result Summary

Test(s) Requested	Result(s)
Clause 6, 7 and 12 of ANSI/BIFMA X5.1-2017	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 6, 7 and 12 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.

Test and Requirements	Test Results
<b>6 Backrest Strength Test - Static - Type III</b>	
<b>6.4.1 Functional Load</b> There shall be no loss of serviceability to the chair when 667 N (150 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 $\pm$ 10 degrees to the plane of the backrest. The force is not intended to be maintained at 90 degrees $\pm$ 10 degrees throughout the loading of the backrest.	PASS
<b>6.4.2 Proof Load</b> There shall be no sudden and major change in the structural integrity of the chair, loss of serviceability is acceptable, when 1001 N (225 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 $\pm$ 10 degrees to the plane of the backrest. The force is not intended to be maintained at 90 degrees $\pm$ 10 degrees throughout the loading of the backrest.	PASS
<b>7 Drop Test - Dynamic</b>	
<b>7.4.1 Functional Load Test</b> 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
<b>7.4.2 Proof Load Test</b> 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
<b>12 Arm Strength Test - Vertical - Static</b>	
<b>12.4.1 Functional Load</b> 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><b>12.4.2 Proof Load</b></p> <p>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 15 seconds.</p> <p>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>	PASS

### Remark:

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



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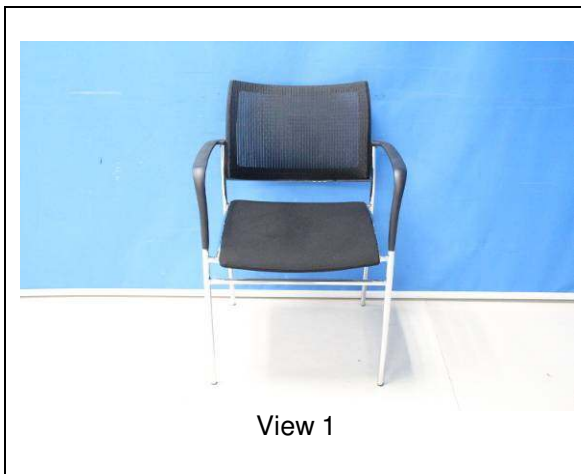
### SAMPLE INFORMATION AND PICTURES

**Weight:** 7.25 kg

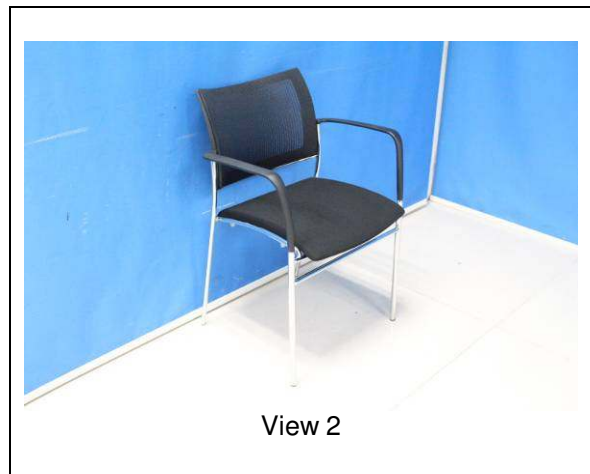
**Overall Dimensions:** 575 mm D x 585 mm W x 820 mm H

**Other Dimensions:** /

#### Sample as Received



View 1



View 2



View 3



View 4

\*\*\*End of Report\*\*\*



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