

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 : [REDACTED]  
 Test Performing Date : [REDACTED]

### Test Result Summary

Test(s) Requested	Result(s)
Clause 8 & 15 of ANSI/BIFMA X5.1:2011 (Type I, III)	PASS
<b>Summary:</b>	
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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**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
<b>8 Drop Test - Dynamic</b>	
<p><b>8.4.1 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.</p>	PASS
<p><b>8.4.2 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.</p>	PASS
<p><b>15 Backrest Durability Test - Cyclic - Type I</b>                      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></p>	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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**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\*\*\*

