



Test Report

No.: GZHL1703011382FT

Date: Jul 25, 2017

Page 1 of 3

M.A.D. FURNITURE DESIGN COMPANY LIMITED
ROOM 14IJ, SHANGBU BUILDING, NO.68 NANYUAN ROAD, FUTIAN DISTRICT, SHENZHEN, CHINA

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

Sample Description : DINING CHAIR
 SGS Ref No. : SDHL1704005580FT
 Style / Item No. : G49
 Country of Origin : CHINA
 Sample Receiving Date : Apr 01, 2017
 Sample Resubmission Date : Jun 30, 2017
 Further Information Receiving Date : Jul 13, 2017
 Test Performing Date : Apr 01, 2017 to Jul 25, 2017

Test Result Summary

Test(s) Requested	Result(s)
Seating Durability Tests – Cyclic 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
Guangzhou Branch,
SGS-CSTC Ltd.

Arthur Mak
Approved Signatory



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TESTS AND RESULTS

Test Conducted:

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
10 Seating Durability Tests – Cyclic	
<p>10.3 Impact Test There shall be no loss of serviceability to the chair after a test bag weighing 57kg (125lbs.) is free fell from 36 mm (1.4 in.) above the uncompressed seat to the specified position on seat for 100,000 cycles. The drop height and/or seat height shall be adjusted during the test if the drop height changes by more than 13 mm (0.5 in.). The cycling device shall be set at a rate between 10 and 30 cycles per minute. <i>Note: Chairs with less than 44 mm (1.75 in.) of cushioning materials in the seat shall have foam added to bring total cushioning thickness to 50 mm ± 6 mm (2 in. ± 0.25 in.). Any additional foam added to the top of the seat shall have a 25% Indentation Force Deflection (IFD) of 200 N ± 22 N (45 lbf. ± 5 lbf.). Flexible seat surfaces (i.e., mesh, flexible plastic, etc.) are not considered cushioning materials.</i></p>	<p>PASS</p>
<p>10.4 Front Corner Load-Ease Test – Cyclic – Off-center After completing the impact test, alternately apply a load of 890 N (200 lbf.) through a 203 mm ± 13 mm (8 in. ± 0.51 in.) diameter loading device at one front corner flush to each structural edge at a rate of 10 to 30 cycles per minute for 20,000 cycles. Reposition the load to the other front corner, and perform the test for an additional 20,000 cycles. There shall be no loss of serviceability to the chair after completion of both the impact and load-ease tests. If applicable, the chair base (center structure) shall not touch the test platform as a result of the impact loads. <i>Note: Applying the loads in an alternating sequence to attain a total of 40,000 cycles is an acceptable method of performing this test.</i></p>	<p>PASS</p>

Remark:

- For the sample information and pictures, please refer to the following page.
- This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch Hardlines.



SGS-CSTC Standards Technical Services Co., Ltd.
 Guangzhou Branch Testing Center Hardlines

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SAMPLE INFORMATION AND PICTURES

Weight: 7.45 kg

Overall Dimensions: 630 mm L x 545 mm W x 825 mm H

Other Dimensions: /

Sample as Received



End of Report

