FOSHAN OFIEXPERTS FURNITURE CO.,LTD
3RD FLOOR, BUILDING 2, NO. 16 YUANNAN 2ND ROAD, SHAZUI SECTION,
JIUJIANG INDUSTRIAL PARK, NANHAI DISTRICT, FOSHAN,GUANGDONG,CHINA.

Sample Description	:	OFFICE CHAIR
Item No.	:	MC10-BS(MASK)
Manufacturer	:	FOSHAN OFIEXPERTS FURNITURE CO.,LTD

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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Sample Receiving Date	:	Jun 12, 2025
Test Performing Date	:	Jun 13, 2025 to Jul 14, 2025
Test Performed	:	Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Clause 5, 7, 10, 11.3.1, 11.4, 12, 13, 14 and 15 of ANSI/BIFMA X5.1-2017 (R2022)	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Marco Leung

Marco Leung
Authorized Signatory

Scan to see the report
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Verification:
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中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com

TESTS AND RESULTS

Test Conducted:
Clause 5, 7, 10, 11.3.1, 11.4, 12, 13, 14 and 15 of ANSI/BIFMA X5.1-2017 (R2022) General-Purpose Office Chairs.

No. of Sample:
4 pieces. For more sample information and pictures, please refer to the following page.

Chair Type: ☒ Type I. Tilting chair
☐ Type II. Fixed seat angle, tilting backrest
☒ Type III. Fixed seat angle, fixed backrest

Test and Requirements	Test Results
5 Backrest Strength Test - Static - Type I and II	
Functional Load Force: 667 N (150 lbf.) for one minute. Acceptance level: There shall be no loss of serviceability to the chair.	PASS
Proof Load Force: 1001 N (225 lbf.) for one minute. Acceptance level: There shall be no sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable.	PASS
7 Drop Test – Dynamic	
Functional Load Test A test bag weighting 102 kg (225 lb.) shall be raised 152 mm (6 in.) above the uncompressed seat and released one time (For chairs with seat height adjustment features, tested both in highest and lowest position). Acceptance level: There shall be no loss of serviceability.	PASS
Proof Load Test A test bag weighting 136 kg (300 lb.) shall be raised 152 mm (6 in.) above the uncompressed seat and released one time (For chairs with seat height adjustment features, tested both in highest and lowest position). Acceptance level: There shall be no sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable.	PASS
10 Seating Durability Tests – Cyclic	
10.3 Impact Test Drop weight: 57 kg (125 lb.) Drop height: 36 mm (1.4 in.) above the uncompressed surface on the seat Cycles: 100,000 Rate: Between 10 and 30 cycles per minute. Acceptance level: There shall be no loss of serviceability to the chair.	PASS
10.4 Front Corner Load-Ease Test – Cyclic – Off-center Force: 890 N (200 lbf.) Cycles: 40,000 Rate: Between 10 and 30 cycles per minute. Acceptance level: There shall be no loss of serviceability to the chair.	PASS
11 Stability Tests	

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Test and Requirements	Test Results
11.3.1 Rear Stability Test for Type III Chairs Load the chair with 6 disks. • F = 0.1964 (1195 – H) Newton. H is the seat height in mm. • [F = 1.1 (47 – H) pounds force.]. H is the seat height in inches. For chairs with seat height equal to or greater than 710 mm (28.0 in.), a fixed force of 93 N (20.9 lbf.) shall be applied. Acceptance level: The chair shall not tip over.	PASS
11.4 Front Stability Load 61 kg (135 lb.) on 60 mm (2.4 in.) from the front center edge and a horizontal outward force of 20 N (4.5 lbf.) applied. Acceptance level: The chair shall not tip over as the result of the force application.	PASS
12 Arm Strength Test - Vertical – Static	
Functional Load Force: 750 N (169 lbf.) for one minute. Acceptance level: 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
Proof Load Force: 1125 N (253 lbf.) for 15 seconds. Acceptance level: 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.	PASS
13 Arm Strength Test - Horizontal – Static	
Functional Load Force: 445 N (100 lbf.) for one minute in the outward direction. Acceptance level: A functional load applied once shall cause no loss of serviceability.	PASS
Proof Load Force: 667 N (150 lbf.) for 15 seconds in the outward direction. Acceptance level: A proof load applied once shall cause no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable.	PASS
14 Backrest Durability Test - Cyclic - Type I Weight on seat: 109 kg (240 lbs.) Load on backrest: 445 N (100 lbf.) Cycles: 120,000 Rate: Between 10 and 30 cycles per minute. Acceptance level: There shall be no loss of serviceability.	PASS
15 Backrest Durability Test - Cyclic - Type II and III Weight on seat: 109 kg (240 lbs.) Load on backrest: 334 N (75 lbf.) Cycles: 120,000 Rate: Between 10 and 30 cycles per minute. Acceptance level: There shall be no loss of serviceability.	PASS

Remark:
1. N/A – Not applicable;
2. For the sample information and pictures, please refer to the following page.

SAMPLE INFORMATION AND PICTURES

Weight: 14.5 kg

Overall Dimensions: (695~833) mm D x 695 mm W x (897~1095) mm H

Other Dimensions: Base radius 385 mm

Sample as Received

View 1

View 2

View 3

View 4

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View 5

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

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