Test Report

Test Report No.: UECS-2022100480

Supplier	UE FURNITURE CO.,LTD	**To**	Jianling Kong
Supplier Address	NO.1 YONGYI WEST ROAD,ANJI CITY,ZHEJIANG,CHINA		
Sample Name	Office chair	**Item**	W-MC-0021
Model NO.	2022100480		
Sample Description	In good condition		
Sample Receiving Date	Oct.15th.2022	**Test Completed Date**	Oct.15th.2022-Oct.20th.2022
Test Standard	BIFMA×5.1-2017		
Test Result	Pass		
Mark	/		

Sample Photo:



Test Technician: Approval:

Confirmed by: Approval Date:

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UE FURNITURE CO.,LTD TESTING CENTER
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Add: no.1yongyiwestroad,anjicity,zhengjiang **E-mail**: h.zhang@uechairs.com

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No.	Test Item	Test Method	Test Requirement	No. of samples	Result	Rating
1	Back Strength Static(Type I and II Chairs)	ANSI/BIFMA X5.1-2017 clause 5	Functional Load：150lbf.,1min Proof Load：225lbf.,1min;70±10° **Requirement:** 1.There shall be no structural breakage or loss of serviceability after the Functional test 2. There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) after the Proof test	2022100480	Meets	Pass
2	Drop Test Dynamic	ANSI/BIFMA X5.1-2017 clause 7	Functional: 6 inch drop 225lbf. Proof; 6 inch drop 300lbf. Tests done with chair adjusted at maximum and minimum height **Requirement:** 1.There shall be no structural breakage or loss of serviceability after the Functional test 2. There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) after the Proof test	2022100480	Meets	Pass
3	Stability Test Front Stability	ANSI/BIFMA X5.1-2017 clause 11.4	The chairs is obstructed with a 1/2in. obstruction to the chair casters or feet. A downward load of 61kg (135lbf.) is centered 2.4in. from the seat front center edge. The seat shall withstand a 20N (4.5lbf). horizontally from the front seat edge without tipping. **Requirement:** The chair was not overturned	2022100480	Meets	Pass
4	Stability Test Rear Stability-Type I and II	ANSI/BIFMA X5.1-2017 clause 11.3.2	Load the chair with 13 disks(10kg/disk) **Requirement:** The chair was not overturned	2022100480	Meets	Pass

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No.	Test Item	Test Method	Test Requirement	No. of samples	Result	Rating
5	Arm Strength Test (Vertical-Static)	ANSI/BIFMA X5.1-2017 clause 12	Functional Load：169 lbf,1min Proof Load：253 lbf,15sec **Requirement:** 1.There shall be no structural breakage or loss of serviceability after the Functional test 2. There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) after the Proof test	2022100480	Meets	Pass
6	Arm Strength Test (Horizontal-Static)	ANSI/BIFMA X5.1-2017 clause 13	Functional Load：100 lbf,1min Proof Load：150 lbf,15sec **Requirement:** 1.There shall be no structural breakage or loss of serviceability after the Functional test 2. There shall be no sudden and major change in the structural integrity (loss of serviceability is acceptable) after the Proof test	2022100480	Meets	Pass
7	Base Test Static	ANSI/BIFMA X5.1-2017 -AppendixC-Informative	Apply 2,500lbf. for 1 minute; Apply a second force of 2,500lbf. for 1 minute **Requirement:** There shall be no sudden and major change integrity of base	2022100480	Meets	Pass

END

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