

Test Report

Number: SHAH01601039

Applicant:



Date: 29 Aug, 2023

Sample Description:

One (1 ) group of submitted sample said to be :

Item Name : Electric Height Adjustable Desk  
Item No. : NT33-2A3  
Quantity : 1  
Goods Exported To : USA  
Country Of Origin : China

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Tested samples

Standard

Result

Submitted sample

ANSI/BIFMA X5.5-2021 for Office and Institutional

Pass

Furnishings- desk/table products - tests

To be continued

Authorized By:

Intertek Testing Services Ltd. Zhejiang

Bobo Yao  
Assistant General Manager



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### Tests Conducted

With reference to American national standard for office and Institutional furnishings – desk/table products - tests (ANSI/BIFMA X5.5-2021), the submitted sample was subjected to the following tests:

Number of sample tested: one (1) piece

Initial inspection: no any damage was found

### Executive summary:

Clause	Testing items	Verdict
1	Scope.	-
2	Definition.	-
3	General.	-
4	Stability tests	-
4.2	Stability with extendible elements open test	NA
4.3	Stability under vertical load test	Pass
4.4	Horizontal Stability Test for Desks/Tables with Casters	NA
4.5	Horizontal Stability Test for Keyboard/Laptop Tables (with and without casters)	NA
4.6	Force Stability Test for Tall Desk/Table Products	Pass
5	Unit strength tests	-
5.2	Concentrated functional load test	Pass
5.3	Distributed functional load test	Pass
5.4	Concentrated proof load test	Pass
5.5	Distributed proof load test	Pass
5.6	Transaction surface torsion load test	NA
5.7	Extendible element static load tests	NA
5.8	Benching Systems – Distributed Functional Load and Stability Test	NA
5.9	Benching Systems – Distributed Proof Load Test	NA
6	Top load ease cycle test	Pass
7	Desk/table unit drop test	Pass
8	Leg strength test	-
8.2	Leg Strength Test - Standard	Pass
8.3	Leg Strength Test - Alternate	NA
9	Separation Tests for Tall Desk/Table Products	NA
10	Extendible element cycle test	-
10.2	Cycle test for extendible elements deeper than wide	NA
10.3	Cycle test for extendible elements wider than deep	NA
10.4	Cycle Test for Low height drawers	NA
11	Extendible Element Retention Impact and Durability (Out Stop) Tests	NA
12	Extendible Element Rebound Test	NA
13	Interlock strength test	NA
14	Lock tests	-
14.2	Force test for extendible element locks	NA
14.3	Force test for door locks	NA
14.4	Locking mechanism cycle test	NA
15	Work surface vertical adjustment test	Pass
16	Keyboard support and input device support adjustment tests	NA
17	Door tests	-



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17.2	Strength test for vertically hinged doors, bi-fold doors and vertically receding doors	NA
17.3	Hinge override test for vertically hinged doors	NA
17.4	Vertical receding doors strength test	NA
17.5	Horizontal receding doors strength test	NA
17.6	Wear and fatigue test for hinged, horizontally sliding, and tambour Doors	NA
17.7	Wear and fatigue test for vertical receding doors	NA
17.8	Wear and fatigue test for horizontal receding doors	NA
17.9	Vertical and horizontal receding door out stop test – cyclic impact and durability	NA
17.10	Slam closed test for vertically hinged and vertically receding doors	NA
17.11	Drop cycle test for horizontally hinged and horizontally receding doors	NA
17.12	Slam test for doors which free fall open or closed	NA
17.13	Slam open and closed test for doors that do not free fall	NA
17.14	Door latch test	NA
18	Durability test for desks and tables with casters	NA
19	Pull force test	NA
20	Tilting Top Table – Cycle Test	NA
21	Tilting Top Table – Latch Strength Test	NA
22	Monitor Arm Strength Test	NA
23	Monitor Arm Cyclic Test	NA
24	Monitor Arm Dislodgement Test	NA
25	Unattached Desk or Table Top Retention Test	NA

Abbreviation: P=Pass; NA=Not Applicable; F=Fail; NC = Not Conducted; NR = Not Requested

**Remark:**

**1. Category of the submitted sample:**

The category of the submitted sample: Category I

Height of the submitted sample (Inches): 24.875~50.5

Total work surface area of the submitted sample (ft<sup>2</sup>): 10.5

**Category I:**

Desks or tables with surfaces greater than 610 mm (24 inches) in height and have a total work surface area greater than 0.46 m<sup>2</sup> (5 ft<sup>2</sup>)

**Category II:**

Desks or tables with surface which are always less than or equal to 610 mm (24 inches) in height

**Category III:**

Desks or tables with surfaces greater than 610 mm (24 inches) in height and have a total work surface area less than or equal to 0.46 m<sup>2</sup> (5 ft<sup>2</sup>)



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Sample as received

Date Sample Received: Aug 14 , 2023

Testing Period: Aug 14 , 2023 to Aug 29 , 2023

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End Of Report

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