



**Test Report**

Number: SHAH00803898

Applicant: HAWORTH FURNITURE (SHANGHAI) CO., LTD  
NO.2, 360 XIYA ROAD, WAIGAOQIAO FREE  
TRADE ZONE, SHANGHAI, CHINA.  
Attn: TAN JUN CHAO

Date: 16 May, 2017

Sample Description:

One (1) group of submitted sample said to be **Bench**  
Item Name : HAT Elements Double sided bench (1800W800D )

\*\*\*\*\*

Tests Conducted:

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

\*\*\*\*\*

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ANSI/BIFMA X5.5-2014 for Office and Institutional Furnishings– desk/table products - tests	Pass

\*\*\*\*\*

To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai

Leo Shi  
General Manager



Tests Conducted

With reference to American national standard for office and Institutional furnishings – desk/table products - tests (ANSI/BIFMA X5.5-2014), 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	P
4.4	Horizontal Stability Test for Desks/Tables with Casters	NA
4.5	Stability Test for Keyboard/Laptop Tables (with and without casters)	NA
4.6	Force Stability Test for Tall Desk/Table Products	NA
5	Unit strength tests	-
5.2	Concentrated functional load test	P
5.3	Distributed functional load test	P
5.4	Concentrated proof load test	P
5.5	Distributed proof load test	P
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	P
7	Desk/table unit drop test	P
8	Leg strength test	-
8.3	Functional test procedure	P
8.5	Proof test procedure	P
9	Separation Tests for Tall Desk/Table Products	P
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	P
16	Keyboard support and input device support adjustment tests	NA
17	Door tests	-
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

Tests Conducted

Clause	Testing items	Verdict
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

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 - 50 / 24-33  
 Total work surface area of the submitted sample (ft<sup>2</sup>): 11.63

**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>)



Picture 1: Sample set as lowest position



Picture 2: Sample set as highest position

Date Sample Received: Apr.24, 2017  
 Testing Period: Apr.24, 2017 to May 15, 2017

\*\*\*\*\*

End Of Report

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.*