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深圳家具
研究开发院
SZF20160901-01



深圳市家具行业协会
SZF20160901-01

检验报告

TEST REPORT

样品名称:

Reception desk

Sample Description

商标/型号:

YTElantivo/

Brand/Model

委托单位:

Taiyuan Yutong Xingfei Trading Co., Ltd.

Authorized By

生产单位:

Manufacturer

检验类别:

Authorized Test

Test Type



Scan to verify authenticity

No.: SZF-WT-25123117-01



赛德检测
SAIDE TESTING

说明

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ST assures objectivity and justness of the test, and fulfills the duty of confidentiality for applicant's commercial information, technique document, and analysis report

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Sample Description	Sample Name	Reception desk	Brand	YTElantino
	Date of manufacture	_____	Style	_____
	Batch number	_____	Model	_____
	Manufacturer	_____	Specification	_____
Voucher No.		25123117-01	Test Type	Authorized Test
Sample State		Normal	Project No.	_____
Samplers		_____	Quantity	1pcs
Location of sampling		_____	Basic quantity of sampling	_____
Inspected unit		_____	Sample Received	2025-12-31
Applicant		Taiyuan Yutong Xingfei Trading Co., Ltd.	Test Date	2025-12-31 to 2026-01-14
Applicant Address		Room AN0905, 4th Floor, Building 4, No. 11, Kangshou Street, Tanghui Industrial Park, Shanxi Transformation and Comprehensive Reform Demonstration Zone, Shanxi Province	Date of issue	2026-01-15
Testing reference		ANSI/BIFMA X5.5-2021 Desk and Table Products CPSC-CH-E1003-09.1-2011 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings		
Judging reference		ANSI/BIFMA X5.5-2021 Desk and Table Products CPSC-CH-E1003-09.1-2011 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings		
Test Results		Pass.		

Authorized by: 张庆洋

Inspected by: 有地

Tested by: 王浩

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ANSI/BIFMA X5.5-2021					
4 Stability Tests					
1	4.2	Stability with Extendible Elements Open Test Gradually open the loaded extendible element(s) to the fullest extension the unit will allow. (Open simultaneously if there are two extendible elements). Acceptance Level The unit shall not tip over. If open extendible elements prevent the unit from tipping over due to contact with the test platform, the unit does not meet the acceptance criteria.	--	Conform	Pass
2	4.3	Stability Under Vertical Load Test For tables less than or equal to 1829 mm (72 in.) in length: Place a 305 mm (12 in.) diameter disk so that its center is 178 mm (7 in.) from the edge of the top at the least stable location. For tables greater than 1829 mm (72 in.) in length: Place two 305 mm (12 in.) diameter disks 914 mm (36 in.) apart (center-to-center) so that their centers are 178 mm (7 in.) from the edge of the top at the least stable location. Place a 57 kg (125 lb.) static load on the disk(s). Place a 203 mm (8 in.) diameter disk so that its edge aligns with the edge of the top at the least stable location. Place a 34 kg (75 lb.) static load on the disk. Acceptance Level The unit shall not tip over from either the 57 kg (125 lb.) load(s) or from the 34 kg (75 lb.) load.	--	Conform	Pass
3	4.4	Horizontal Stability Test for Desks and Tables with Casters Apply a 11.4 kg (25 lb.) static load through a 203 mm (8 in.) diameter disk centered 102 mm (4 in.) from the edge of the top of the desk/table at the least stable location. Acceptance Level The unit shall not tip over. If an extendible element(s) opens during the test and prevents the unit from tipping over due to contact with the test platform, the unit does not meet the acceptance criteria.	--	No caster	—
4	4.5	Horizontal Stability Test for Keyboard/Laptop Tables (with and without casters) Apply a 4.5 kg (10 lb.) static load through a 203 mm (8 in.) diameter disk centered 102mm (4 in.) from the edge of the top of the desk/table at the least stable location. Gradually apply a horizontal force to the top surface, perpendicular to the worst case fulcrum ("tipping line") but not more than 13 mm (0.5 in.) below the top surface directly opposite the load. Acceptance Level The unit shall not tip over.	--	No keyboard/ Laptop table	—
5	4.6	Force Stability Test for Tall Desk/Table Products Apply the horizontal forces through the center of a disk that is 203 mm (8 in.) in diameter. If the geometry of the product inhibits the use of the 203 mm (8 in.) disk, apply the force through a smaller diameter disk. If the location for the force is centered on an open area or flexible area, then move the force location horizontally to the closest rigid location on the unit. Acceptance Level The unit shall not tip over. Loss of serviceability is acceptable.	--	No tall desk/table < 1067mm	—

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No.	Test Item	Requirement	Unit	Test Result	Verdict
5 Unit Strength Tests					
6	5.2	Concentrated Functional Load Test Load shall be applied for 60 minutes. Close the extendible elements. Remove only the concentrated load(s) from the primary surface. Without removing any other loads, perform the Pull Force Test in Section 19 on all extendible elements. Acceptance Level There shall be no loss of serviceability. Upon completion of the test, the extendible element(s) shall meet the pull force requirements of Section 19	--	Load:91kg Conform	Pass
7	5.3	Distributed Functional Load Test Loads shall be applied for 60 minutes. Close the extendible element(s). Without removing any load, perform the Pull Force Test in Section 19 on all extendible elements. Acceptance Level There shall be no loss of serviceability. Upon the completion of the test, the extendible element(s) shall meet the pull force requirements of Section 19	--	Desk Load:130kg Top Load:113kg Conform	Pass
8	5.4	Concentrated Proof Load Test Loads shall be applied for 15 minutes and then removed. Acceptance Level There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable. Height adjustable tables do not need to maintain their setup position during the proof load test, but the unit must hold the load at some position for the 15 minutes. A slow back-driving (lowering) of the height adjustable surface is acceptable.	--	Load:136kg Conform	Pass
9	5.5	Distributed Proof Load Test Loads shall be applied for 15 minutes and then removed. Acceptance Level There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable. Height adjustable tables do not need maintain their setup position during the proof load test, but the unit must hold the load at some position. A slow back-driving (lowering) of the height adjustable surface is acceptable.	--	Desk Load:197kg Top Load:172kg Conform	Pass
10	5.6	Transaction Surface Torsion Load Test Allow the suspended weight to remain in place for 15 minutes. Remove the weight. If the transaction surface and/or its support are not symmetrical, repeat the test with the weight suspended from the opposite edge. Acceptance Level There shall be no loss of serviceability.	--	Load:34kg Conform	Pass
11	5.7	Extendible Element Static Load Test Close the extendible element and allow the load to remain for 15 minutes. Open the extendible element, allow the load to remain for 15 minutes, and then remove the load. Repeat the test as necessary for each element per Section 3.1.5. Acceptance Level There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.	--	Load:7kg Conform	Pass
12	5.8	Benching Systems – Distributed Functional Load and Stability Test Loads shall be applied for 60 minutes except for stability loads.	--	Length<1829mm	—

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No.	Test Item	Requirement	Unit	Test Result	Verdict										
		Acceptance Level There shall be no loss of serviceability. The system shall not tip over.													
13	5.9	Benching Systems – Distributed Proof Load Test Loads shall be applied for 15 minutes. Acceptance Level There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable. Height adjustable surfaces do not need to maintain their setup position during the proof load test, but the unit must hold the load at some position. A slow back-driving (lowering) of the height adjustable surface is acceptable.	--	Length<1829mm	—										
14	6	Top Load Ease Cycle Test Prior to performing the test procedure, all extendible elements shall be tested to and meet the pull force requirements of Section 19. The bag shall be raised until the entire weight is off the primary surface and then eased (without impact) onto the primary surface, so that it takes the entire weight without any support from the cycling device. Repeat for a total of 10,000 cycles. Remove the bag and perform the pull force test in Section 19. Acceptance Level There shall be no loss of serviceability to the unit. Before and after the cycling test, the extendible elements shall meet the pull force test requirements in Section 19. A gradual loss of height for height adjustable products during cycling is not considered a loss of serviceability.	--	Load:91kg Conform	Pass										
15	7	Desk/Table Unit Drop Test Raise one end of the long axis of the unloaded unit so that the bottom of the base is above the test platform at the height given in Table 4 or at the balance point, whichever is lower. The end of the unit being tested shall be released and allowed a free fall to the test platform. Table 4 Drop Height for Desk/Table Units <table><tr><th>Unit Weight</th><th>Drop Height</th></tr><tr><td><45 kg (100 lb.)</td><td>180 mm (7.1 in.)</td></tr><tr><td>45- 90 kg (100-200 lb.)</td><td>120 mm (4.7 in.)</td></tr><tr><td>>90 – 136 kg (200 - 300 lb.)</td><td>60 mm (2.4 in.)</td></tr><tr><td>> 136 kg (300 lb.)</td><td>n/a</td></tr></table> Acceptance Level There shall be no loss of serviceability. The extendible elements shall meet the pull force test requirements in Section 19.	Unit Weight	Drop Height	<45 kg (100 lb.)	180 mm (7.1 in.)	45- 90 kg (100-200 lb.)	120 mm (4.7 in.)	>90 – 136 kg (200 - 300 lb.)	60 mm (2.4 in.)	> 136 kg (300 lb.)	n/a	--	Ganged freestanding category	—
Unit Weight	Drop Height														
<45 kg (100 lb.)	180 mm (7.1 in.)														
45- 90 kg (100-200 lb.)	120 mm (4.7 in.)														
>90 – 136 kg (200 - 300 lb.)	60 mm (2.4 in.)														
> 136 kg (300 lb.)	n/a														
8 Leg Strength Test															
16	8.2	Leg Strength Test - Standard Functional Test Procedure Individually and separately apply the functional horizontal forces ("A" and "B") as described in Figure 8a. The lower "B"	--	Calculate the force Functional load:	Pass										

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		loads are generally considered to be "inside out" directions. The loads should be applied parallel/perpendicular to the table edges wherever possible. The loadings for a given leg shall be 90 degrees for the four A/B loads applied. Acceptance Level No "loss" of serviceability shall occur as a result of the application of the functional loads. After application of the functional loads, extendible element(s) shall meet the pull force requirements of Section 19. For tilt-top tables, release of the top latching mechanism during the test is considered a loss of serviceability. Proof Test Procedure Individually and separately apply the horizontal proof forces ("A" and "B") Acceptance Levels Application of the proof loads shall cause no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.		Force A:445N Force B:222N Proof load: Force A:668N Force B:333N Conform	
17	8.3	Leg Strength Test - Alternate Functional Test Procedure Gradually apply the horizontal functional forces ("A" at 445 N (100 lbf.) and "B" at 222 N (50 lbf.)), one at a time. If the loading results in horizontal rotational movement of the unit, additional blocking of the remaining legs may be required to prevent rotational movement. Any additional blocking may not provide support or lessen the test loads. Acceptance Level No "loss" of serviceability shall occur as a result of the application of the functional loads. Proof Test Procedure Repeat the test applying the proof forces ("A" at 668 N (150 lbf.) and "B" at 334 N (75 lbf.)), one at a time. Acceptance Levels Application of the proof loads shall cause no sudden and major change in the structural integrity of the unit or its components. Loss of serviceability is acceptable.	--	Weight≤135.1kg	—
18	9	Separation Tests for Tall Desk/Table Products with Vertically Attached or Stacked Components Swing a bag that is 203 mm ± 12 mm (8 in. ± 0.5 in.) in diameter, weighing 22 kg (50 lb.) and suspended on a cable, through a horizontal distance of 609 mm (24 in.). For screens less than 75 mm (3 in.) in thickness, only front and back impacts apply. Components less than 610 mm (24 in.) in width, shall have only one front and one back impact applied to the center of the screen in addition to the side/edge impacts. Note: If steel shot is used, the shot shall not exceed 9.5 mm (0.375 in.) in diameter. Acceptance Level The components shall not become separated (fall off) from the base unit as the result of the impact sequence given. Loss of serviceability is acceptable. Cracked or broken glass is not acceptable. Broken non-glass components are acceptable. If the total weight of a separated component or piece is less than 4.5 kg (10 lbs.) the unit meets the acceptance criteria.	--	No tall desk/table <1067mm	
10 Extendible Element Cycle Test					

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No.	Test Item	Requirement	Unit	Test Result	Verdict
19	10.2	Cycle Test for Extendible Elements as Deep as or Deeper Than Wide Prior to performing test procedure, the extendible element shall be tested to the pull force requirements of Section 19. The extendible element shall be subjected to 50,000 cycles. The suspensions shall not be cleaned or lubricated during the test. Upon completion of the cycles, perform the Pull Force Test in Section 19. Acceptance Level There shall be no loss of serviceability. Before and after the cycle test, the extendible element(s) shall meet the pull force requirements of Section 19. If applicable, after the cycle test the extendible elements shall meet the interlock test requirements of Section 13.	--	Load<7kg	—
20	10.3	Cycle Test for Extendible Elements Wider Than Deep The extendible element shall be subjected to 50,000 cycles. Acceptance Level There shall be no loss of serviceability. Before and after the cycle test, the extendible element(s) shall meet the pull force requirements of Section 19. If applicable, after the cycle test the extendible elements shall meet the interlock test requirements of Section 13.	--	Load<7kg	—
21	10.4	Cycle Test for Low Height Drawers The low height drawers shall be subjected to 10,000 cycles. The suspensions shall not be cleaned or lubricated during the test. Acceptance Level There shall be no loss of serviceability. Before and after the cycle test, the low height drawer shall meet the pull force requirements of Section 19.	--	Not low height drawer	—
22	11	Extendible Element Retention Impact and Durability (Out Stop) Test The extendible element with cable and hanging weight shall be held in a position 38 mm (1.5 in.) from closed and the extendible element shall be released, permitting the extendible element to open rapidly, and allowing it to impact the out stops. Repeat this procedure for a total of 5 times without resetting the air gaps specified in the Loading Guidelines. Remove the weight restraint. Move the fully extended extendible element 51 mm (2 in.) toward the closed position and then release it rapidly, allowing it to impact the out stop. The distance traveled by the weight shall not be restrained. This procedure shall be repeated 15,000 cycles at a rate of 14 ± 6 cycles per minute. Acceptance Level There shall be no loss of serviceability. Before and after performing the Retention Tests, the extendible element shall meet the pull force requirements of Section 19.	--	Load<7kg	—
23	12	Extendible Element Rebound Test A force gauge with a spring rate of 1.75 N/mm (10 lbf./in.) shall be mounted 51 mm (2.0 in.) from the face of the extendible element in its fully closed position. The extendible element shall be opened (through the free travel space) against the force gauge to a force of 9.8 N per kg (1 lbf./pound) of extendible element load or 178 N (40 lbf.), whichever force is less.	--	Conform	Pass

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No.	Test Item	Requirement	Unit	Test Result	Verdict
		Acceptance Level There shall be no loss of serviceability. The rebound position of the extendible element shall not exceed 38 mm (1.5 in.) from its closed position after each of the five closings. The extendible element shall meet the pull force requirements of Section 19.			
24	13	Interlock Strength Test An extendible element shall be fully extended, and a horizontal force of 133 N (30 lbf.) shall be individually applied in the direction of travel to the center of the pull area(s) of the remaining extendible elements, one at a time. Acceptance Level There shall be no loss of serviceability to the interlock system. The unopened extendible elements shall not bypass the interlock system.	--	No Interlock	---
14 Lock Test					
25	14.2	Force Test for Extendible Element Locks A horizontal outward force of 222 N (50 lbf.) shall be applied once at each of the applicable locations indicated in the test setup. An outward and upward force (30 degrees from horizontal) of 222 N (50 lbf.) shall be applied once at each of the applicable locations indicated in the test setup. Acceptance Level The extendible elements shall remain in the locked position during application of the forces. There shall be no loss of serviceability of the locking mechanism.	--	Conform	Pass
26	14.3	Force Test for Door Locks Apply a force of 222 N (50 lbf.) in the direction of initial door travel. Repeat the test as necessary for each door/lock. Acceptance Level The doors shall remain in the locked position during application of the forces. There shall be no loss of serviceability of the locking mechanism.	--	No door lock	---
27	14.4	Locking Mechanism Cycle Test Cycle the locking mechanism through its full range of motion for 5000 cycles. Each cycle shall consist of a complete locking and unlocking of the mechanism. For keyed systems, the key does not need to be removed from the lock mechanism. For keyless systems, the cycle may require two activations of the keypad – one to lock and one to unlock. Acceptance Level There shall be no loss of serviceability of the locking mechanism.	--	Conform	Pass
28	15	Work Surface Vertical Adjustment Test The unit, including any latches or activation mechanisms, shall be cycled for 5,010 cycles as follows: i) The unit shall be cycled thru 90% of the height range for 2,500 cycles. The unit shall not reach the full range travel limits (hit the bottom / top stops) during cycling. ii) The unit shall be cycled thru 25% of the height range for 2,500 cycles in the upper third of the range. The unit shall not reach the full range travel limit (hit the top stops) during cycling. iii) Remove the loads. The unit shall be cycled thru 100% of the height range (unloaded) for 10 cycles. The unit shall reach the full range travel limits (hit the bottom / top stops) during cycling.	--	Work surface unadjustment	---

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No.	Test Item	Requirement	Unit	Test Result	Verdict								
		Acceptance Level There shall be no loss of serviceability to the unit. For surfaces with crank-driven height adjustment mechanisms, the operating force on the handle to adjust the table shall not exceed 50 N (11.2 lbf.) before or after the test. For motor driven units, if shutdowns (requiring a recalibration) occur more than 3 times per any given 500 cycle interval (not including up to three recalibrations at a set interval throughout the test if recommended by manufacturers instructions as per Note in 15.3.1), the unit shall be considered as having a loss of serviceability.											
29	16	Keyboard Support and Input Device Support Adjustment Tests The adjustable keyboard support, input device support, and keyboard/laptop tables shall be cycled in the motions in which they are intended to move, and shall be subjected to 2500 cycles each as follows: a) Horizontal Motion: within 6 mm (0.25 in.) of the end stops. b) Vertical Motion: within 6 mm (0.25 in.) of the end stops. c) Swivel Motion: minimum of 120 degrees of adjustment, or to within 6 mm (0.25 in.) of the end stops over its full range of motion, whichever is less. Acceptance Level There shall be no loss of serviceability.	--	Conform	Pass								
17 Door Tests													
30	17.2	Strength Test for Vertically Hinged Doors, Bi-fold Doors, and Vertically Receding Doors Cycle the door 10 times from a position 45 degrees from fully closed to a position 10 degrees from fully open (but not more than 135 degrees) and return. For bi-fold doors, cycle the door from a position 50 mm (2 in.) from fully closed to a position 50 mm (2 in.) from fully open and return. <table><tr><th colspan="2">Table 7 - Door Height vs. Load</th></tr><tr><th>Door height</th><th>Load</th></tr><tr><td>Less than 46 cm (18 in.).</td><td>10 kg (22 lb.)</td></tr><tr><td>46 cm (18 in.) and greater</td><td>20 kg (44 lb.)</td></tr></table> Acceptance Level There shall be no loss of serviceability to the unit.	Table 7 - Door Height vs. Load		Door height	Load	Less than 46 cm (18 in.).	10 kg (22 lb.)	46 cm (18 in.) and greater	20 kg (44 lb.)	--	Load:20kg Conform	Pass
Table 7 - Door Height vs. Load													
Door height	Load												
Less than 46 cm (18 in.).	10 kg (22 lb.)												
46 cm (18 in.) and greater	20 kg (44 lb.)												
31	17.3	Hinge Override Test for Vertically Hinged Doors Apply a 60 N (13.5 lbf.) horizontal force perpendicular to the plane of the door on its horizontal centerline (halfway down the height of the door) 100 mm (4 in.) from the edge farthest from the hinge. Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.	--	Conform	Pass								
32	17.4	Vertically Receding Doors Strength Test Apply the 80 N (18 lbf.) horizontal force perpendicular to the plane of the door on its horizontal centerline (halfway down the height of the door) 100 mm (4 in.) from the edge farthest from the hinge. Apply the force 10 times.	--	No vertically receding door	---								

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		Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.			
33	17.5	Horizontal Receding Doors Strength Test Apply the 80 N (18 lbf.) downward force perpendicular to the plane of the door on its at the midpoint of a line parallel to and 25 mm (1 in.) from the front/bottom edge of the door. Apply the force 10 times. Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.	--	No horizontal receding door	
34	17.6	Wear and Fatigue Test for Hinged, Horizontal Sliding, and Tambour Doors Cycle the door for a total of 20,000 cycles as specified in Table 8. The cyclic rate shall be 12 ± 4 cycles per minute unless the rate is controlled by the door operating mechanisms (pneumatic dampers, etc.). If that is the case, the rate shall not exceed the natural rate established by the movement of the mechanism. Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.	--	Conform	Pass
35	17.7	Wear and Fatigue Test for Vertical Receding Doors Prior to performing test procedure, the door shall be tested to the pull force requirements of Section 19. Cycle the door for a total of 10,000 cycles. Upon completion of the cycles, perform the Pull Force Test in Section 19. Acceptance Level Before and after the cycle test, the door shall meet the pull force requirements of Section 19. The door shall have no loss of serviceability.	--	No vertical receding door	
36	17.8	Wear and Fatigue Test for Horizontal Receding Doors Prior to performing test procedure the door shall be tested to the pull force requirements of Section 19. The door shall be cycled according to the requirements of Table 8. Upon completion of the cycles, perform the Pull Force Test in Section 19. Acceptance Level Before and after the cycle test, the door shall meet the pull force requirements of Section 19. The door shall have no loss of serviceability.	--	No horizontal receding door	
37	17.9	Vertical and Horizontal Receding Door Out Stop Test – Cyclic Impact and Durability Test Procedure – Cyclic Impact Test The door with stranded metallic cable and hanging weight shall be held 38 mm (1.5 in.) from the stowed position and then released, permitting it to open rapidly (ensuring the weight is restrained according to 17.9.2(e) and impact the out stops. Repeat this procedure for a total of 5 times. Test Procedure – Cyclic Durability Test A device shall be used to move the door 51 mm (2 in.) toward the stowed position and then to release it rapidly, allowing it to impact the out stop. This procedure shall be repeated 5,000 cycles at a rate of 10 ± 2 cycles per minute. Acceptance Level There shall be no loss of serviceability. Before and after performing the cyclic out stop test, the extendible element shall	--	No vertical and horizontal receding door	

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		meet the pull force requirements of Section 19.			
38	17.10	Slam Closed Test for Vertically Hinged and Vertically Receding Doors The door with cable and hanging weight shall be held at 300 mm (12 in.) or 30 degrees from the closed position and then released, permitting the door to close, allowing it to impact the desk/table product case. Repeat this procedure for a total of 10 times without resetting the loading gaps. Acceptance Level There shall be no loss of serviceability.	--	Conform	Pass
39	17.11	Drop Cycle Test for Horizontally Hinged and Horizontally Receding Doors The door shall be lifted and dropped 200 times at a rate not to exceed 10 cycles per minute. Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.	--	No horizontally hinged and horizontally receding door	---
40	17.12	Slam Test for Doors that Free Fall Open or Closed Allow the door to fall open/close freely. Repeat for a total of 50 cycles in each direction (if applicable). Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.	--	hinged door	---
41	17.13	Slam Open and Closed Test for Doors That Do Not Free Fall Move the door, lifting the weight so the door will travel 300 mm (11.8 in.) or to the doorstop opposite the one to be impacted, whichever is less. Release the door, permitting the door to move rapidly, allowing it to impact the doorstop. Acceptance Level There shall be no loss of serviceability to the desk/table unit or its components.	--	hinged door	---
42	17.14	Door Latch Test Operate the latch 20,000 times. Acceptance Level There shall be no loss of serviceability to the door or its latching mechanism.	--	No door latch	---
43	18	Durability Test for Desks and Tables with Casters Cycle the desk/table unit for the appropriate number of cycles over a platform with and without obstructions per Table 9. For tilt-top tables, cycle the unit for half the cycles listed in Table 9 in the normal use position, then remove the load and tilt the table into the stowed position and continue the test for the remaining half of the cycles. Acceptance Level There shall be no loss of serviceability to a caster or the desk/table.	--	No caster	---
44	19	Pull Force Test Open the extendible element or door from its fully closed position to its fully extended position while measuring the maximum force. Acceptance Level The applied force shall not exceed 50 N (11.2 lbf.).	--	Conform	Pass

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No.	Test Item	Requirement	Unit	Test Result	Verdict
45	20	Tilt-Top Table – Cycle Test Move the table top from its in-use position (typically its horizontal or near horizontal position) to its fully stowed position (typically vertical or near vertical) and then return to its in-use position for 2,500 cycles. Note: If a cycling device is used, then center the device on the top within 50 mm (2 in.) of the edge. Acceptance Level There shall be no loss of serviceability and the table top shall be able to move throughout its range of motion.	--	Not tilt-top table	---
46	21	Tilt-Top Table – Latch Strength Test Apply an upward force of 222 N (50 lbs.) 25 mm (1 in.) inward and at the center of the edge of the table top in the direction that would typically move the table top into its stowed position. Move the table top to its stowed (vertical or most upright) position. With lock/latch engaged, apply a horizontal force of 133 N (30 lbs.) at the center of the edge of the table top in the direction that would typically move the table top into its in-use position. Acceptance Level The lock/latch shall retain the top in its test position throughout the application of the test force(s). There shall be no loss of serviceability to the unit.	--	Not tilt-top table	---
47	22	Monitor Arm Strength Test Apply the test weight for 60 minutes. Acceptance Level There shall be no loss of serviceability.	--	No monitor arm	---
48	23	Monitor Arm Cyclic Test Move the monitor arm through its entire range of motion(s) for 2,500 cycles. A cycle shall consist of the 90-95% of the adjustment range including back to forth, up to down, side to side, or whatever the range may entail. A cycle is rotation or movement in one direction from one end of the range to the other. Rotation or movement in the opposite direction is another cycle. If clamping or clutch-type mechanisms have been loosened prior to testing, reapply (tighten) them after cycling (this does not include attachment of the monitor arm to the test surface). Acceptance Level There shall be no loss of serviceability. The unit shall not become disengaged during testing. Clamping or clutch mechanisms shall remain functional. Tensioning mechanisms must be capable of being reset to hold the monitor in its pretest position.	--	No monitor arm	---
49	24	Monitor Arm Dislodgement Test Apply a horizontal force of 40 N (9 lbf.) in three directions. Apply each force independently in the following locations: a) A forward (away from the user) direction at a location that is 25 mm (1 in.) inwards and downwards from the top corner of the mock up monitor/test fixture. b) A rearward location (from behind the monitor in a direction towards the user) at a location that is 25 mm (1 in.) inwards and downwards from the top corner of the mock up monitor/test fixture. c) To either side of the monitor at a location that is 25 mm (1 in.) downwards from the top corner of the mock up monitor/test fixture. Acceptance Level	--	No monitor arm	---

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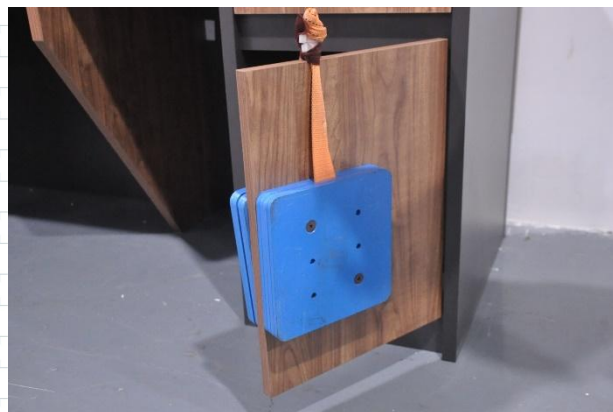
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No.	Test Item	Requirement	Unit	Test Result	Verdict
		There shall be no loss of serviceability.			
50	25	Unattached Desk or Table Top Retention Test Test according to section 8.3.except the applied force shall be 111 N (25 lbf.) Acceptance Level The top shall not move relative to the framework.	--	No unattached desk or table top	---
CPSC-CH-E1003-09.1-2021					
1	Pb		ppm	N.D	---
Note	1.The symbol of "—" in Test Result and Verdict column stands for "not applicable"; 2.N.D. =Not detected (lower than MDL); 3.The detection limit of "Pb" is 5ppm; 4.The above results are only for the samples received by our laboratory.				

Figures



sample photo



Strength test of vertical hinged doors

--End of Report--