

TEST REPORT

Mechanical & Hardgoods Laboratory

Report No. : HL90392B/2014

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Date : DEC. 10, 2014

SUNDESK VENTURE SDN. BHD. (1039939-M)

No. C59, Tingkat Dua, Jalan Permatang Gedung, Taman Sejati Indah, 08000 Sungai Petani, Kedah, Malaysia.

The following merchandise was submitted and identified by the applicant as:

Product Description: "SunDesk" Height Adjustable Desk

Manufacturer/Vendor: SUNDESK VENTURE SDN. BHD.

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested: For compliance with ANSI/ BIFMA X5.5-2014- American National Standard for Office and Institutional Furnishings - Desk/Table Products - Tests

Test Method & Result: --- See following sheet(s) ---

Date of Receipt: Sep. 22, 2014 & Nov. 19, 2014

Testing period: Sep. 22, 2014 ~ Oct. 16, 2014 & Nov. 19 ~ 27, 2014

Conclusion: The submitted sample **complies with** ANSI/ BIFMA X5.5-2014- American National Standard for Office and Institutional Furnishings - Desk/Table Products – Tests, but the others were satisfactory as shown on following sheets.

Signed for and on behalf of
SGS Taiwan Ltd.



Lawrence Yang
Lawrence Yang
Asst. Supervisor

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RESULT DETAILS: ANSI/ BIFMA X5.5-2014- American National Standard for Office and Institutional Furnishings - Desk/Table Products - Tests.

Test Property	Test Method	Test Principle / Requirements	Rating
Full tests of ANSI/BIFMA X5.5			
Stability with Extendible Elements Open Test	ANSI/BIFMA X5.5-2014 Clause 4.2	Gradually open the loaded extendible element(s) to the fullest extension the unit will allow. 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.	N/A
Stability under vertical load test	ANSI/BIFMA X5.5-2014 Clause 4.3	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. Place a 57 kg (125 lb) static load on the desk. If necessary, repeat Step (a) and (b) to verify the least stable position has been evaluated. The unit shall not tip over. If one of more extendible elements 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.	Pass
Horizontal Stability Test for Desk/Tables with Casters	ANSI/BIFMA X5.5-2014 Clause 4.4	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. The unit shall not tip over. If one of more extendible elements 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.	N/A
Stability Test for Keyboard/Laptop Tables (with and without casters)	ANSI/BIFMA X5.5-2014 Clause 4.5	Apply a 4.5 kg (10 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. Gradually apply a horizontal force to the top surface, perpendicular to the worst case fulcrum. The load shall be applied perpendicular to the line formed by the feet/caster obstruction(s), until 44.5 N (10 lbf) is reached, or the product tilts to 10 degrees minimum, whichever occurs first. The unit shall not tip over	N/A
Force Stability Test for Tall Desk/Table Products	ANSI/BIFMA X5.5-2014 Clause 4.6	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. radually increase the force until 177 N (40 lbf) is reached, the product tilts to 10 degrees, or the horizontal movement at the point of application is 165 mm (6.5 in.) whichever occurs first. The unit shall not tip over, and there shall be no loss of serviceability. Assembled desk/table products shall not disengage.	Pass
Concentrated Functional Load Test	ANSI/BIFMA X5.5-2014 Clause 5.2	Apply two loads of 91 kg concentrated load to the primary surface per Table 1 through a 305 mm (12 in.) diameter area 25 mm (1 in.) from the unit's edge at its apparent weakest point. Loads shall be allowed to remain for 60 minutes. Remove only the concentrated load(s) from the primary surface. Without removing any other loads, perform the Pull Force Test in Section 19 There shall be no loss of serviceability. Upon completion of the test, the extendible member(s) shall meet the pull force requirements	Pass

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Test Property	Test Method	Test Principle / Requirements	Rating
Distributed Functional Load Test	ANSI/BIFMA X5.5-2014 Clause 5.3	Depending on the desk/table surface classification, apply the specified distributed loads per Table 1. For primary surfaces, loads shall be evenly distributed and centered over a line 203 mm (8 in.) in from the edge along the entire perimeter. Loads shall be allowed to remain for 60 minutes. Close the extendible elements. Without removing any load, perform the Pull Force Test in Section 19. There shall be no loss of serviceability. Upon the completion of the test, the extendible member(s) shall meet the pull force requirements.	Pass
Concentrated Proof Load Test	ANSI/BIFMA X5.5-2014 Clause 5.4	The setup shall be performed per Section 5.2.1 with the appropriate concentrated proof load of 2 loads of 136 kg, except for the extendible elements, which shall remain loaded with the distributed functional loads. Loads shall be allowed to remain for 15 minutes and then removed. There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.	Pass
Distributed Proof Load Test	ANSI/BIFMA X5.5-2014 Clause 5.5	Perform the setup per Section 5.3.1 using the appropriate distributed proof loads per Table 1, except for the extendible elements, which shall remain loaded with the functional loads. Loads shall be allowed to remain for 15 minutes and then removed. There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.	Pass
Transaction Surface Torsion Load Test	ANSI/BIFMA X5.5-2014 Clause 5.6	Pass the strap or stranded metallic cable over the top of the transaction surface and allow it to hang vertically below the opposite edge. Attach a 34 kg (75 lb.) weight to the free end of the strap or cable. Allow the suspended weight to remain in place for 15 minutes. Remove the weight. There shall be no loss of serviceability.	N/A
Extendible Element Static Load Tests	ANSI/BIFMA X5.5-2014 Clause 5.7	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. There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.	N/A
Benching Systems - Distributed Functional Load and Stability Test	ANSI/BIFMA X5.5-2014 Clause 5.8	If work surface suspended extendible elements are available as part of the unit, the largest two extendible elements (per entire unit) shall be fully opened for the duration of the test. Apply the distributed functional loads from Table 1 to the primary surface(s). Loads shall be allowed to remain for 60 minutes. There shall be no loss of serviceability. The system shall not tip over.	N/A
Benching Systems - Distributed Proof Load Test	ANSI/BIFMA X5.5-2014 Clause 5.9	Apply the appropriate distributed proof loads per Table 1 to all primary surfaces and functional loads to all secondary surfaces and extendible elements. Loads shall be allowed to remain for 15 minutes. There shall be no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.	N/A

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Test Property	Test Method	Test Principle / Requirements	Rating										
Top Load Ease Test – Cyclic	ANSI/BIFMA X5.5-2014 Clause 6	For units with a primary surface with a depth greater than or equal to 457 mm (18 in.) deep, a 91 kg (200 lb.) weight applied by means of a 406 mm ± 13 mm (16 in. ± 0.5 in.) diameter bag. The cycling device shall be set to operate at a rate of 14 ± 6 cycles per minute. The bag shall be raised until the entire weight is off the primary surface and then eased (without impact) onto the primary surface for a total of 10,000 cycles. Remove the bag and perform the pull force test in Section 19. 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.	Pass										
Desk/Table Unit Drop Test	ANSI/BIFMA X5.5-2014 Clause 7	<p>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 below Table</p> <table border="1"> <thead> <tr> <th>Unit Weight</th> <th>Drop Height</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>The end of the unit being tested shall be released and allowed a free fall to the test platform. Repeat steps above for the other end of the desk/table unit. Perform the pull force test in Section 19.</p>	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	Pass (Sample weight: 35.48 kg)
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												
Leg Strength Test	ANSI/BIFMA X5.5-2014 Clause 8	<p>Based on the desk or table Category, calculate the Functional Force "A" as follows (not to exceed 445 N (100 lbf.)):</p> <p>Category I: "A" = 0.5 x (unit weight, lb.) + 50 lbf.</p> <p>Category II and III: "A" = 0.5 x (unit weight, lb.) + 10 lbf.</p> <p>Calculate the Functional Force "B" as (0.5 x "A") Calculate the Proof Forces "A" (not to exceed 668 N (150 lbf.)) and "B" as follows: Proof Force "A" = 1.5 x (Functional Force "A") Proof Force "B" = 1.5 x (Functional Force "B")</p> <p>Functional Test: No loss of serviceability shall occur as a result of the application of the functional loads. Proof Test: Application of the proof loads shall cause no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.</p>	Pass (Sample weight: 35.48 kg)										

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Separation Tests for Tall Desk/Table Products	ANSI/BIFMA X5.5-2014 Clause 9	Place a 136 kg. (300 lb.) load in the center of the primary surface of the desk/table unit to prevent the unit from tipping during the test. Swing a bag that is 203 mm (8 in.) in diameter, weighing 22 kg (50 lb.) and suspended on a cable, through a horizontal distance of 609 mm (24 in.) Impact an unloaded unit once at each of the following locations location 1: Impact front of product at its left side, location 2: Impact front of product at its right side location 3: Impact back of product at its left side, location 4: Impact back of product at its right side, location 5: Impact center of product's left side, location 6: Impact center of product's right side The attached or stackable units shall not become totally separated. Loss of serviceability is acceptable. Cracked or broken glass is not acceptable.	N/A
Cycle Test for Extendible Elements Deeper Than Wide	ANSI/BIFMA X5.5-2014 Clause 10.2	The extendible element being tested shall be uniformly loaded to the functional load per Table 1. The extendible element shall be subjected to 50,000 cycles. Upon completion of the cycles, perform the Pull Force Test in Section 19. There shall be no loss of serviceability.	N/A
Cycle Test for Extendible Elements Wider Than Deep	ANSI/BIFMA X5.5-2014 Clause 10.3	The extendible element being tested shall be uniformly loaded to the functional load per Table 1. The extendible element shall be subjected to 50,000 cycles per Table 4. Upon completion of the cycles, perform the Pull Force Test in Section 19. There shall be no loss of serviceability.	N/A
Cycle Test for Low Height Drawers	ANSI/BIFMA X5.5-2014 Clause 10.4	Low height drawers shall be uniformly loaded per Table 1. The low height drawers shall be subjected to 10,000 cycles. Upon completion of the cycles, perform the Pull Force Test in Section 19. 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.	N/A
Extendible Element Retention Impact and Durability (Out Stop) Tests	ANSI/BIFMA X5.5-2014 Clause 11	The extendible element being tested shall be uniformly loaded to the functional load per Table 1. 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. This procedure shall be repeated 15,000 cycles at a rate of 14 ± 6 cycles per minute. Upon completion of the cycles, perform the Pull Force Test in Section 19. 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.	N/A
Extendible Element Rebound Test	ANSI/BIFMA X5.5-2014 Clause 12	The extendible element to be tested shall be loaded to the functional load requirements in Table 1. 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. Release the extendible element allowing the force applied by the force gauge to close the extendible element. Record the at-rest position of the extendible element after rebound. 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.	N/A

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Test Property	Test Method	Test Principle / Requirements	Rating
Interlock Strength Test	ANSI/BIFMA X5.5-2014 Clause 13	An extendible element shall be fully extended, and a horizontal force of 133 N (30 lbf) shall be individually applied to the center of the pull area(s) of the remaining extendible elements, one at a time. Load extendible elements with the functional load per Table 1. Repeat above until all possible combinations of extendible elements have been tested. There shall be no loss of serviceability to the interlock system. The unopened extendible elements shall not bypass the interlock system.	N/A
Force Test for Extendible Element Locks	ANSI/BIFMA X5.5-2014 Clause 14.2	A horizontal outward force of 222 N (50 lbf) shall be applied once at each of the applicable locations. An outward and upward force (30 degrees from horizontal) of 222 N (50 lbf) shall be applied once at each of the applicable locations. Repeat steps above for each extendible element. 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.	N/A
Force Test for Door Locks	ANSI/BIFMA X5.5-2014 Clause 14.3	Apply functional distributed loads to all surfaces and extendible elements per Table 1. Close and lock all doors. Apply a force of 222 N (50 lbf) in the direction of initial door travel. The doors shall remain in the locked position during application of the forces. There shall be no loss of serviceability of the locking mechanism.	N/A
Locking Mechanism Cycle Test	ANSI/BIFMA X5.5-2014 Clause 14.4	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. There shall be no loss of serviceability of the locking mechanism.	N/A
Work Surface Vertical Adjustment Test	ANSI/BIFMA X5.5-2014 Clause 15	Apply a test load of 45 kg (100 lb) through a 305 mm (12 in.) diameter disk with the center of the disk on a line 305 mm (12 in) in from the working edge. The unit, including any latches or activation mechanisms, shall be cycled for 1,000 cycles in each quartile of full travel for a total of 4,000 cycles. 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.	Pass
Keyboard Support and Input Device Support Adjustment Tests	ANSI/BIFMA X5.5-2014 Clause 16	Apply an evenly distributed 4.5 kg (10 lb) load across the keyboard support surface. Apply an evenly distributed 2.3 kg (5 lb.) load across the input device support surface. The adjustable keyboard support and input device support 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. There shall be no loss of serviceability.	N/A

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Strength Test for Vertically Hinged Doors, Bi-fold Doors and Vertically Receding Doors	ANSI/BIFMA X5.5-2014 Clause 17.2	Attach the specified load per Table 6 so that its weight is equally distributed on both sides of the door and its center of gravity acts 100 mm (4 in.) from the edge of the door opposite the hinge. 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. There shall be no loss of serviceability to the unit.	N/A
Hinge Override Test for Vertically Hinged Doors	ANSI/BIFMA X5.5-2014 Clause 17.3	Apply a 60 N (13.5 lbf.) horizontal force perpendicular to the plane of the door on its horizontal centerline 100 mm (4 in.) from the edge farthest from the hinge. There shall be no loss of serviceability to the desk/table unit or its components.	N/A
Vertical Receding Doors Strength Test	ANSI/BIFMA X5.5-2014 Clause 17.4	Place the receding door in a position rearward from this point until the door will resist an 80N (18 lbf.) force without closing. Apply the 80 N (18 lbf.) horizontal force perpendicular to the plane of the door on its horizontal centerline 100 mm (4 in.) from the edge farthest from the hinge. Apply the force 10 times. There shall be no loss of serviceability to the desk/table unit or its components.	N/A
Horizontal Receding Doors Strength Test	ANSI/BIFMA X5.5-2014 Clause 17.5	Place the receding door in a position rearward from this point until the door will resist an 80 N (18 lbf.) force without closing. Apply the 80 N (18 lbf.) downward force perpendicular to the plane of the door on its horizontal centerline 25 mm (1 in.) from the edge farthest from the hinge. Apply the force 10 times. There shall be no loss of serviceability to the desk/table unit or its components.	N/A
Wear and Fatigue Test for Hinged, Horizontally Sliding, and Tambour Doors	ANSI/BIFMA X5.5-2014 Clause 17.6	Attach the cycling device to the door at its pull area. Cycle the door for a total of 20,000 cycles as specified in Table 7. The cyclic rate shall be 12 ± 4 cycles per minute. There shall be no loss of serviceability to the desk/table unit or its components.	N/A
Wear and Fatigue Test for Vertical Receding Doors	ANSI/BIFMA X5.5-2014 Clause 17.7	The cycling device shall be connected to the leading edge of the door at the center of the pull area. The cycling device shall be set to operate at 12 ± 4 cycles per minute. Cycle the door for a total of 10,000 cycles. 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.	N/A
Wear and Fatigue Test for Horizontal Receding Doors	ANSI/BIFMA X5.5-2014 Clause 17.8	The cycling device shall be connected to the leading edge of the door. The cycling device shall be set to operate at 12 ± 4 cycles per minute. The door shall be cycled according to the requirements of Table 7. 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.	N/A

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Vertical and Horizontal Receding Door Out Stop Test – Cyclic Impact and Durability	ANSI/BIFMA X5.5-2014 Clause 17.9	<p>Cyclic Impact Test</p> <p>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. (See Figure 17h). Repeat this procedure for a total of 5 times</p> <p>Cyclic Durability Test</p> <p>Remove the load restraint such that the door will travel to full extension. 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. Upon completion of the cycles, perform the Pull Force Test in Section 19.</p> <p>There shall be no loss of serviceability. Before and after performing the cyclic out stop test, the extendible element shall meet the pull force requirements of Section 19.</p>	N/A
Slam Closed Test for Vertically Hinged and Vertically Receding Doors	ANSI/BIFMA X5.5-2014 Clause 17.10	A cable shall be attached to the middle of the door's edge opposite the hinge. Open the door 30 degrees and then determine the load that must be applied to the cable assembly to cause the door to close. Open the door through a distance of 300 mm (12 in.) or 30 degrees, whichever is less. Add 2 kg (4.5 lb.) to the load determined above. 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. Repeat this procedure for a total of 10 times without resetting the loading gaps. There shall be no loss of serviceability.	N/A
Drop Cycle Test for Horizontally Hinged and Horizontally Receding Doors	ANSI/BIFMA X5.5-2014 Clause 17.11	The door shall be lifted and dropped 200 times at a rate not to exceed 10 cycles per minute. There shall be no loss of serviceability to the desk/table unit or its components.	N/A
Slam Test for Doors Which Free Fall Open or Closed	ANSI/BIFMA X5.5-2014 Clause 17.12	Determine the highest position from which the door will fall (move) freely open/closed. Allow the door to fall open/close freely. Repeat for a total of 50 cycles in each direction. There shall be no loss of serviceability to the desk/table unit or its components.	N/A
Slam Open and Closed Test for Doors which Do Not Free Fall	ANSI/BIFMA X5.5-2014 Clause 17.13	Measure and record the maximum force necessary to slide the door over the first 300 mm (11.8 in.) of travel. A cable shall be attached to center of the door's pull area. Release the door, permitting the door to move rapidly, allowing it to impact the doorstop. Repeat for a total of 10 times.	N/A
Door Latch Test	ANSI/BIFMA X5.5-2014 Clause 17.14	Attach the door and/or latch to a cycling device. Set the cycling device to operate at 12 ± 4 cycles per minute. Operate the latch 20,000 times. There shall be no loss of serviceability to the door or its latching mechanism.	N/A

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Test Property	Test Method	Test Principle / Requirements	Rating
Durability Test for Desks and Tables with Casters	ANSI/BIFMA X5.5-2014 Clause 18	Apply a 39 kg. (85 lb.) load to the primary surface. Adjust the length of stroke to 762 ± 51 mm (30 ± 2 in.) Set the cycling device to operate at a rate of 10 ± 2 cycles per minute. Cycle the desk/table unit for the appropriate number of cycles over a platform with and without obstructions per Table 8. There shall be no loss of serviceability to a caster or the desk/table.	N/A
Pull Force Test	ANSI/BIFMA X5.5-2014 Clause 19	A force gauge or other force measurement device shall be attached to the center of the pull area. Open the extendible element or door from its fully closed position to its fully extended position while measuring the maximum force. The applied force shall not exceed 50 N (11.2 lbf.)	N/A
Tilting Top Table -- Cycle Test	ANSI/BIFMA X5.5-2014 Clause 20	The table top shall be cycled through its range of motion for this test. The cycle rate shall not exceed 10 cycles per minute. 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. There shall be no loss of serviceability and the table top shall be able to move throughout its range of motion.	N/A
Tilting Top Table – Latch Strength Test	ANSI/BIFMA X5.5-2014 Clause 21	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 tabletop 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. 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.	N/A
Monitor Arm Strength Test	ANSI/BIFMA X5.5-2014 Clause 22	A test weight simulating the weight of a monitor shall be placed on the monitor arm in accordance with the manufacturer's maximum load rating. If no manufacturer's load rating is provided, apply a test weight of 20 kg (44 lbs.). Apply the test weight for 60 minutes. There shall be no loss of serviceability.	N/A
Monitor Arm Cycle Test	ANSI/BIFMA X5.5-2014 Clause 23	A test weight simulating the weight of a monitor shall be placed on the monitor arm in accordance with the manufacturer's maximum load rating. If no manufacturer's load rating is provided, apply a test weight of 20 kg (44 lbs.) 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. There shall be no loss of serviceability. Clamping or clutch mechanisms shall remain functional. Tensioning mechanisms must be capable of being reset to hold the monitor in its pretest position.	N/A
Monitor Arm Adapter Dislodgement Test	ANSI/BIFMA X5.5-2014 Clause 24	A mock up monitor (test fixture) of the manufacturer's maximum rated load and size shall be attached to the monitor arm. If no load or size is specified, the mock-up monitor shall weigh 20 kg (44 lbs). Apply a horizontal force of 40 N (9 lbf) in three directions. There shall be no loss of serviceability.	N/A

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– Picture(s) –



Photo A: Appearance of the sample

--- End of Report ---

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