

National Public Seating Corp.
149 Entin Road
Clifton, NJ 07014
United States

Attn.: Avi Goldberg

Test Report No: 4958486-TL-01

Date: September 23, 2022

SAMPLE ID: Folding Bench

STYLE NO.: MSFB1572PBTMGY

TESTING PERIOD: September 6 – September 23, 2022

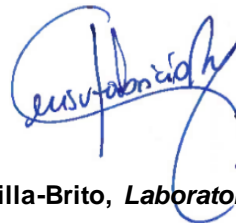
TESTS REQUESTED: The submitted samples were tested for the requested tests in accordance with the procedures outlined in ANSI/ BIFMA X5.5.

TEST RESULTS: See pages below

PREPARED BY: Signed for and on Behalf of SGS North America, Inc.



Michael Koenen, Technical Report Writer
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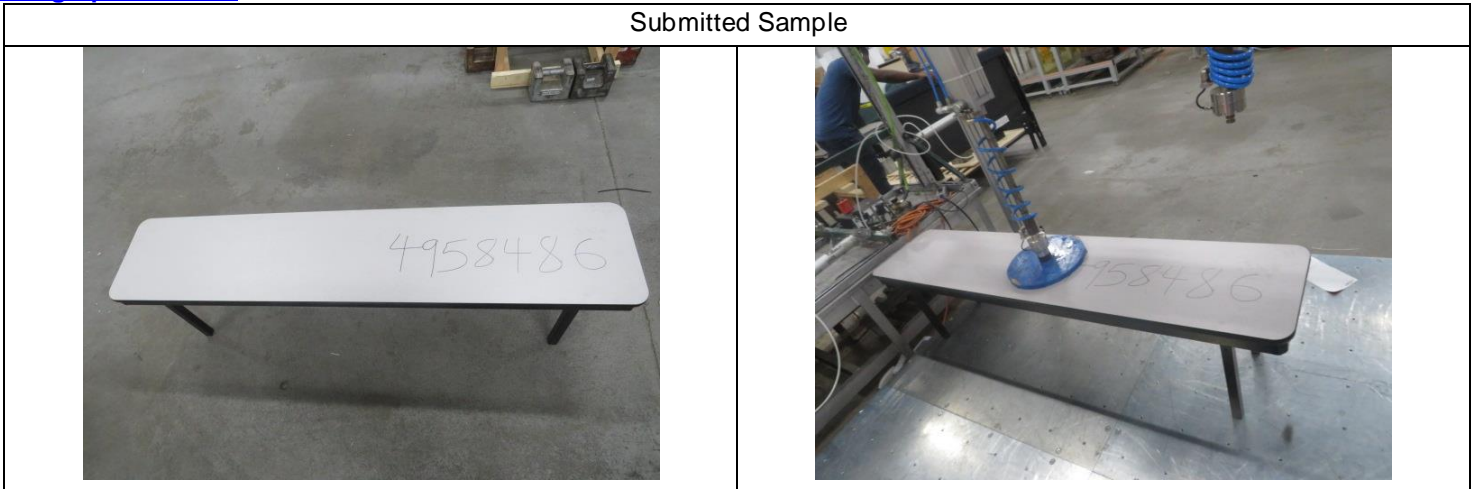
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ANSI/BIFMA X5.5-2021 Desk/Table Products

Test No.	Description	Result
5	Unit Strength Tests	PASS
6	Top Load Ease	PASS
7	Desk/Table Unit Drop Test	PASS
8	Leg Strength Test	PASS

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Photograph Section:



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Test Item	Test Method & Requirements	Result		
5	Unit Strength Tests Concentrated Functional load Test			
Purpose of Tests The purpose of these tests is to evaluate the ability of the unit to withstand static loads when loaded to its full capacity				
Note: This test also applies to Benching Systems (See also 5.8 and 5.9).				
5.2.2 Test Procedure: figure 5a-d and 4c a) Load shall be applied for 60 minutes. b) Close the extendible elements. c) Remove only the concentrated load(s) from the primary surface. d) 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 member(s) shall meet the pull force requirements of Section 19 as tested in 5.2.2.	P X	F	NA

Additional Information:

Test Item	Test Method & Requirements	Result		
5.3	Distributed Functional Load Test			
5.3.2 Test Procedure: figures 5e through 5h a) Loads shall be allowed to remain for 60 minutes. b) Close the extendible elements. c) Without removing any load, perform the Pull Force Test in Section 19.				
Acceptance Level	There shall be no loss of serviceability. Upon the completion of the test, the extendible member(s) shall meet the pull force requirements of Section 19 as tested in 5.3.2.	P X	F	N/A

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Test Item	Test Method & Requirements	Result		
5.4	Concentrated Proof Load Test			
5.4.2 Test Procedure: figure 5a-d and 4c Loads shall be allowed to remain 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.	P X	F	N/A

Additional Information:

Test Item	Test Method & Requirements	Result		
5.5	Distributed Proof Load Test			
5.5.2 Test Procedure: figure 5e-h Loads shall be allowed to remain 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.	P X	F	N/A

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Test Item	Test Method & Requirements	Result		
6	Top Load Ease Cycle Test			
Purpose of Test The purpose of this test is to evaluate the durability of the unit to withstand cyclic loading of the primary surface(s) resulting from a person sitting on the unit. This test does not apply to: a) surfaces greater than 965 mm (38 in.) in height, or height adjustable units that cannot be adjusted to 965 mm (38 in.) or below. b) shelves or adjustable keyboard surfaces or keyboard tables. (If it is unclear whether the surface is a primary surface or a shelf, this test applies). c) units with integral (non-detachable) overhead storage units, hutches, etc. that limit the useable depth of the primary surface to less than 406 mm (16 in.) or with designs that interfere with a person's ability to sit on the surface.				
Test Procedure: figure 6 a) Prior to performing the test procedure, all extendible elements shall be tested to and meet the pull force requirements of Section 19. b) 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. c) Repeat Step b) for a total of 10,000 cycles. d) 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.	P X	F	NA

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Test Item	Test Method & Requirements	Result		
7	Desk/ Table Unit Drop Test			
Purpose of Test The purpose of this test is to determine the ability of a desk/table unit to withstand an impact force on the legs, column or base.				
Test procedure: figure 7 a) Assure all extendible elements and surfaces are unloaded and determine the weight of the unloaded desk/table unit to be tested. b) The unit shall be placed on a test platform and leveled. If the desk/table unit is equipped with glides, extend them to their midpoint but not to exceed 13 mm (0.5 in.) from the fully retracted position. c) 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 3 or at the balance point, whichever is lower. d) The end of the unit being tested shall be released and allowed a free fall to the test platform. e) Repeat steps (c) and (d) for the other end of the desk/table unit. f) Perform the pull force test in Section 19.				
Acceptance level	There shall be no loss of serviceability. The extendible elements shall meet the pull force test requirements in Section 19.	P X	F	NA

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Test Item	Test Method & Requirements	Result
8	Leg Strength Test	
Purpose of Test The purpose of this test is to evaluate the ability of desk/table product to withstand handling or moving.		
Note: This test does not apply to units weighing more than 135.1 kg (300 lbs.) or to units with top design features (shelves, screens, etc.) that do not allow the product to be placed on it its top. These units are to be tested to the Leg Strength Test – Alternate Length Strength Test in Section 8.3.		
Functional Test Procedure: figure 8 <ol style="list-style-type: none"> Attach a loading device to the support member to be loaded. The placement of the loading device shall be within 25 mm (1 in.) of the end of the support member/glide assembly that makes contact with the floor. The placement of the loading device shall be as close to the glide end as possible (may be on the glide stem, but not on the glide foot itself). For tables with casters, apply the load as close as possible to the end of the support member but not to the caster assembly. Individually and separately apply the functional horizontal forces ("A" and "B") as described in Figure 8a. The lower "B" 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. Repeat steps (a) and (b) for each unique type or non-symmetrically placed supporting member on the desk/table product. If the leg being tested is attached to a desk pedestal, perform the pull force test per Section 19 on each type and size of extendible element in the attached desk pedestal. 		
Proof Test Procedure <ol style="list-style-type: none"> Attach a loading device to the support member to be loaded. The placement of the loading device shall be within 25 mm (1 in.) of the end of the support member. The load shall not be applied to the glide assembly (including stem, glide foot, etc.) or caster assembly. Individually and separately apply the horizontal proof forces ("A" and "B") as described in Figure 8a. Repeat steps (a) and (b) for each unique type or non-symmetrically placed supporting member on the desk/table product. 		
Acceptance Level	Functional Test Acceptance Level No loss of serviceability shall occur as a result of the application of the functional loads. After application of the functional loads, each type and size extendible element in a leg-attached desk pedestal shall be tested to and 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.	P X F NA
	Proof Test 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.	P X F NA

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End of Document

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