

Requester:	National Public Seating Corp. 149 Entin Rd. Clifton, NJ 07014
Contact Name:	Sherri Miller
Dates Tested:	06/07/24 – 06/18/24
Date Issued:	06/20/24
Technician:	Ron Day, Jason Wisniewski
UL Order / Project Number:	15335357 / 4791346096

Scope: To evaluate a Folding Picnic Table, supplied by National Public Seating Corp., by subjecting it to the following tests:

Requested Tests:

<u>Test Name</u>	<u>Requirement</u>
Concentrated Functional Load Test	ANSI/BIFMA X5.5-2021, Section 5.2
Distributed Functional Load Test	ANSI/BIFMA X5.5-2021, Section 5.3
Concentrated Proof Load Test	ANSI/BIFMA X5.5-2021, Section 5.4
Distributed Proof Load Test	ANSI/BIFMA X5.5-2021, Section 5.5
Top Load Ease Cycle Test	ANSI/BIFMA X5.5-2021, Section 6

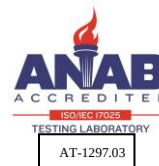
Product Description:

<u>Specimen</u>	<u>Description</u>	<u>Received</u>	<u>Condition</u>	<u>Supplier</u>
7274833	Folding Picnic Table BMPT-3702	06/03/24	New	National Public Seating

Summary:

<u>Test Name</u>	<u>Specimen</u>	<u>Results</u>
Concentrated Functional Load Test	7274833	Met the requirement
Distributed Functional Load Test	7274833	Met the requirement
Concentrated Proof Load Test	7274833	Met the requirement
Distributed Proof Load Test	7274833	Met the requirement
Top Load Ease Cycle Test	7274833	Met the requirement

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Load Calculations:

<u>Specimen</u>	<u>Component</u>	<u>Calculation</u>	<u>Load (lbs.)</u>
7274833		Functional Load	
	Unit Top	$(199) \times 1.5$	299
		Proof Load	
	Unit Top	$(199) \times 2.3$	458

Test Results:

Concentrated Functional Load Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 5.2.

Notes:

- See photo for setup.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Time (min.)</u>	<u>Observations</u>
7274833	200	60	No loss of serviceability.

Requirement: *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 as tested in 5.2.2.*



Distributed Functional Load Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 5.3.

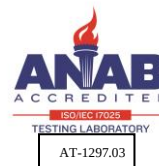
Notes:

- See load calculations on page 2.
- See photo for setup.



<u>Specimen</u>	<u>Total Load (lbs.)</u>	<u>Time (min.)</u>	<u>Observations</u>
7274833	299	60	No loss of serviceability.

Requirement: *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 as tested in 5.3.2.*



Concentrated Proof Load Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 5.4.

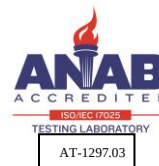
Notes:

- See photo for setup.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Time (min.)</u>	<u>Observations</u>
7274833	300	15	No sudden and major change in structural integrity.

Requirement: *There shall be no sudden and major change in 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 same position for the 15 minutes. A slow back-driving (lowering) of the height adjustable surface is acceptable.*



Distributed Proof Load Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 5.5.

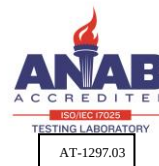
Notes:

- See load calculations on page 2.
- See photo for setup.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Time (min.)</u>	<u>Observations</u>
7274833	458	15	No sudden and major change in structural integrity.

Requirement: *There shall be no sudden and major change in 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 same position. A slow back-driving (lowering) of the height adjustable surface is acceptable.*



Top Load Ease Cycle Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 6.

Notes:

- Test Rate: 15 - 19 CPM.
- See photo for setup.



<u>Specimen</u>	<u>Cycles</u>	<u>Observations</u>
7274833	10,000	No loss of serviceability.

Requirement: *There shall be no loss of serviceability to the unit. Before and after the cycling test, the extendible elements shall meet the pull force requirements of Section 19. A gradual loss of height for height adjustable products during cycling is not considered a loss of serviceability.*