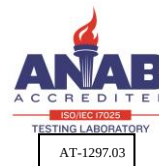




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Requester:	National Public Seating Corp. 149 Entin Rd. Clifton, NJ 07014
Contact Name:	Sherri Miller
Dates Tested:	04/10/24 – 05/08/24
Date Issued:	05/14/24
Technician:	Ron Day
UL Order / Project Number:	15242445 / 4791260264

Scope: To evaluate the Various Tables, supplied by National Public Seating Corp., by subjecting them to the following tests:

Requested Tests:

<u>Test Name</u>	<u>Requirement</u>
Stability Under Vertical Load Test	ANSI/BIFMA X5.5-2021, Section 4.3
Concentrated Functional Load Test	ANSI/BIFMA X5.5-2021, Section 5.2
Concentrated Proof Load Test	ANSI/BIFMA X5.5-2021, Section 5.4
Top Load Ease Cycle Test	ANSI/BIFMA X5.5-2021, Section 6
Desk Table Unit Drop Test	ANSI/BIFMA X5.5-2021, Section 7
Leg Strength Test	ANSI/BIFMA X5.5-2021, Section 8

Product Description:

<u>Specimen</u>	<u>Description</u>	<u>Received</u>	<u>Condition</u>	<u>Supplier</u>
7071083	CTG1R – Round Base, 36" Table Height, 30" Top	04/04/24	New	National Public Seating
7134097	CTG1XD-TJ – X Base, 30" Table Height, 36" Top	04/19/24	New	National Public Seating

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Summary:

<u>Test Name</u>	<u>Specimen(s)</u>	<u>Results</u>
Stability Under Vertical Load Test	7071083, 7134097	Met Requirements
Concentrated Functional Load Test	7071083	Met Requirements
Concentrated Proof Load Test	7071083	Met Requirements
Top Load Ease Cycle Test	7071083, 7134097	Met Requirements
Desk Table Unit Drop Test	7071083, 7134097	Met Requirements
Leg Strength Test	7071083, 7134097	Met Requirements



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Test Results:

Stability under Vertical Load Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 4.3.

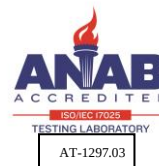
Notes:

- 125 lb. loads were applied through 12" discs, 75 lb. loads were applied through 8" discs.
- See photos for setups.





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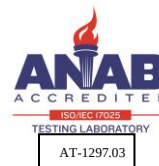


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Stability under Vertical Load Test (continued):

<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Load Location</u>	<u>Observations</u>
7071083	125	Front edge 1" in.	Unit did not tip over.
	75	Front edge flush.	Unit did not tip over.
7134097	125	Front edge 1" in.	Unit did not tip over.
	75	Front edge flush.	Unit did not tip over.

Requirement: *The unit shall not tip over from either the 57 kg (125 lb.) load(s) or from the 34 kg (75 lb.) load.*



Concentrated Functional Load Test:

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

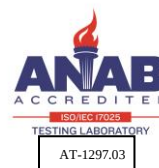
Notes:

- See photos for setups.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Time (min.)</u>	<u>Observations</u>
7071083	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.*



Concentrated Proof Load Test:

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

Notes:

- See photos for setups and results.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Time (min.)</u>	<u>Observations</u>
7071083	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 some position for the 15 minutes. A slow back-driving (lowering) of the height adjustable surface is acceptable.*



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Top Load Ease Cycle Test:

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

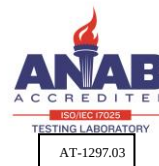
Notes:

- Test Rate: 18 - 19 CPM.
- See photos for setups.





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Top Load Ease Cycle Test (continued):

<u>Specimen</u>	<u>Cycles</u>	<u>Observations</u>
7071083	0	Test began.
	10,000	No loss of serviceability.
7134097	0	Test began.
	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.*



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Desk/Table Unit Drop Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 7.

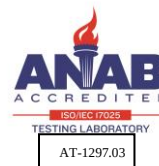
Notes:

- Drop height was determined by the weight of each unit.
- See photos for setups.





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Desk/Table Unit Drop Test (continued):

<u>Specimen</u>	<u>Unit weight</u>	<u>Drop Height</u>	<u>End Raised</u>	<u>Observations</u>
7071083	50 lbs.	7.1"	Left	No loss of serviceability.
			Right	No loss of serviceability.
7134097	49 lbs.	7.1"	Left	No loss of serviceability.
			Right	No loss of serviceability.

Requirement: *There shall be no loss of serviceability. The extendible elements shall meet the pull force test requirements in Section 19.*



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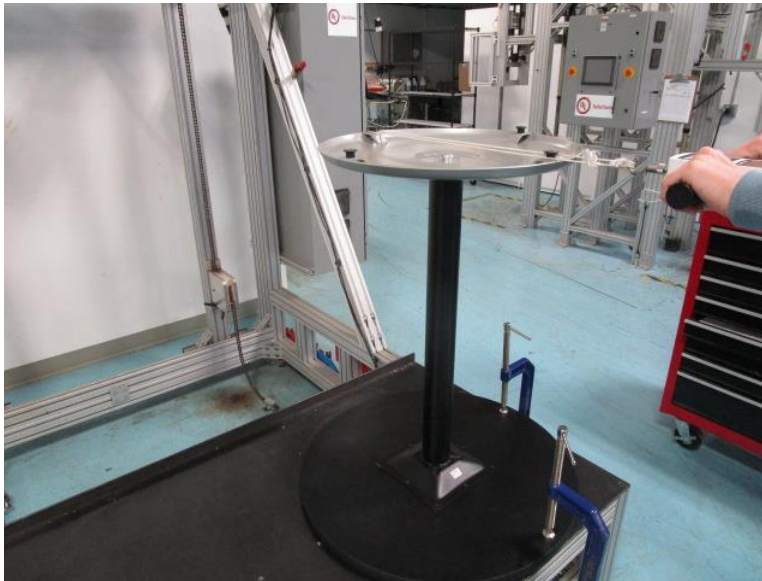


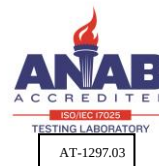
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Leg Strength Test:

Testing was performed per ANSI/BIFMA X5.5-2021, Section 8.

- Load based on weight of each table.
- See photos for setups.





Leg Strength Test (continued):

<u>Sample</u>	<u>Load (lbs.)</u>	<u>Directions</u>	<u>Observations</u>
7071083	75	A1 – A3	No loss of serviceability.
(50 lbs)	113	A1 – A3	No sudden and major change in structural integrity.
7134097	75	A1 – A3	No loss of serviceability.
(49 lbs)	112	A1 – A3	No sudden and major change in structural integrity.

Requirement:

Functional Load: *No loss of serviceability shall occur as a result of the 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 Load: *Application of the proof loads shall cause no sudden and major change in the structural integrity of the product. Loss of serviceability is acceptable.*