Test Report Number: SZHH00988911

Applicant: NATIONAL PUBLIC SEATING
149 ENTIN ROAD CLIFTON, NEW
JERSEY, 07014

Attn: AVI GOLDBERG

Date: Aug 25, 2015

Sample Description:

Three (3) pieces of submitted sample said to be :

Item Name	:	**Blow Molded 18" Wide Table.**
Item No.	:	**BT1872.**
Buyer	:	National Public Seating.
Country of Origin	:	China.

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Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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Conclusion:

Tested Samples	Test Item	Result
Submitted samples	ANSI/BIFMA X5.5-2014 Desk / Table Products – Tests	
	- Section 5.4: Concentrated proof load test	Pass
	- Section 5.5: Distributed proof load test	Pass
	- Section 7: Desk / Table unit drop test	Pass
	- Section 8: Leg strength test	Pass

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Authorized by:
For Intertek Testing Services
Shenzhen Ltd.

Ben N.L. Lin
General Manager

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Tests Conducted

1 Performance Test on Table

As per the client's requirements, with reference to ANSI/BIFMA X5.5-2014 Desk/Table Products - Tests, the submitted sample was subjected to the following tests.

Number of samples tested : Three (3) pieces.

Executive summary :

Standard & Section	Test Method/Requirement	Result
Section 5.4: Concentrated proof load test	**Note:** This test does not apply to units with a primary surface greater than 965 mm (38 in.) in height. This test applies to adjustable height tables that can be adjusted to 965 mm (38 in.) or less. **Test Setup** a) The unit shall be leveled and the base may be secured to the test platform to prevent tipping. The method of securing shall not affect the load application. If the unit requires support from adjacent units, all units shall be tested together as a system. Adjustable height tables shall be adjusted to their highest position but not to exceed 965 mm (38 in.). b) Apply the specified concentrated load of 300 lbs to the primary surface through a 305 mm (12 in.) diameter disk so that its center is 178 mm (7 in.) from the unit's edge at its apparent weakest point. **Test Procedure** 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

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Standard & Section	Test Method/Requirement	Result
Section 5.5: Distributed proof load test	**Test Setup** a) The unit shall be leveled and the base may be secured to the test platform to prevent tipping. The method of securing shall not affect the load application. If the unit requires support from adjacent units, all units shall be tested together as a system. Adjustable height tables shall be adjusted to their highest position. Keyboard support surfaces shall be loaded in their worst-case position. b) Depending on the desk/table surface classification, apply the specified distributed loads per 0.041 kg/mm (2.3 lb./in.) of perimeter 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. For surfaces that are less than 406 mm (16 in.) deep, evenly distribute the load across the surface. The loads may be secured to the surface if necessary to perform this test. c) The largest two extendible elements shall be fully opened for the duration of the test. If the unit contains an interlock that will not allow two extendible elements to be opened simultaneously, open the largest capacity extendible element(s). **Test Procedure** 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

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<table>
<tr><th>Standard & Section</th><th>Test Method/Requirement</th><th>Result</th></tr>
<tr><td>Section 7 Desk / Table unit drop test</td><td>
Test setup
On desk/table units with adjustable features, set the adjustable features at the midpoint of adjustment.

Test procedure
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.

Table 3
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>
</td><td>P</td></tr>
</table>

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Standard & Section	Test Method/Requirement	Result
Section 8: Leg strength test	**Note:** All tests must be performed on a single leg structure. It is not necessary to repeat tests on legs or support elements of identical construction. These tests do not apply to keyboard/laptop tables. **Test Setup** a) The unloaded unit shall be positioned on its top, on a test platform, and secured in place. If the unit has glides, they shall be set at the midpoint of their adjustment range but not greater than 13 mm (0.5 in.). Adjustable height desk/tables shall be positioned at the midpoint of their adjustment range. For unit weights greater than 136 kg (300 lbs.) or those with top design features (shelves, screens, etc.) that do not allow the product to be placed on its top, it is acceptable to lift the product (either one or both ends) so that the legs do not contact the floor, then apply the loads in b) at the end of the leg(s). b) b) Based on the desk or table Category, calculate the Functional Force "A" as follows (not to exceed 445 N (100 lbf.)): Category I: "A" = 0.5 x (unit weight, kg) x 9.8 + 222 N ["A" = 0.5 x (unit weight, lb.) + 50 lbf.] Category II and III: "A" = 0.5 x (unit weight, kg) x 9.8 + 44 N ["A" = 0.5 x (unit weight, lb.) + 10 lbf.] **Note:** See Section 2.5 for definitions of categories. c) Calculate the Functional Force "B" as (0.5 x "A"). d) 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"). **Functional Test Procedure** a) 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. b) Individually and separately apply the functional horizontal forces ("A" and "B"). c) Repeat steps (a) and (b) for each unique type or non-symmetrically placed supporting member on the desk/table product. **d)** 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.	P

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Standard & Section	Test Method/Requirement	Result
	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. For tilt-top tables, release of the top latching mechanism during the test is considered a loss of serviceability. **Proof Test Procedure** a) 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. b) Individually and separately apply the horizontal proof forces ("A" and "B"). c) Repeat steps (a) and (b) for each unique type or non-symmetrically placed supporting member on the desk/table product. **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.	

Abbreviation: P = Pass

Date sample received : Aug 14, 2015
Testing period : Aug 14, 2015 to Aug 21, 2015

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End of report

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