

LAB LOCATION: VIETNAM
REPORT NUMBER: 76123-030672

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EXECUTIVE SUMMARY:

TESTING RESULT SUMMARY				
Test Property	PASS	FAIL	DATA	COMMENTS
Seating Durability Tests – Cyclic (Impact test)	✓	-	-	✓

TEST RESULT(S):

TEST ITEM	TEST METHOD	TEST REQUIREMENT	RESULT
Seating Durability Tests – Cyclic (Impact test)	ANSI/BIFMA X5.4-2020 section 14	<p>A 406 mm (16 inch) diameter test bag weighing 57 kg (125 lb.) shall be attached to a cycling device, permitting a free fall to the seat as shown in Figure 14. The free fall shall begin after lifting the test bag 97 mm (3.8 in.) above its "at rest" position but not to exceed 36 mm (1.4 in.) above the uncompressed surface on the seat (as measured at the center of the seat).</p> <p>The bag shall be centered side to side on the seat and shall be positioned not more than 13 mm (0.5 in) from the most forward surface of the backrest during free fall.</p> <p>Seating position shall be tested to 100,000 cycles an approximate rate between 10 and 30 cycles per minute.</p>	<p>PASS</p> <p>Springs and white cord were rigorously tested over 80,000 cycles</p>