

TEST CERTIFICATE N. 230.Z.1708.475.EN.01

Reference: 1706004-01, 1706165-03-Ci

PRODUCT: PENTA armchair fixed / swivel base

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TEST: Compliance with the following standard:
ANSI/BIFMA X5.4-2012 Lounge and Public Seating. Test.

RESULT: Satisfactorily complies with the specifications set by the ANSI/BIFMA X5.4-2012 for single seating type A, according to the following tests,

TEST	RESULT
4. Type of chair	Single type A
5. Backrest horizontal static load test ($F_{h1} = 667 \text{ N}$, $F_{h2} = 1112 \text{ N}$, $t=1 \text{ min.}$)	CORRECT
7. Backrest durability Test. Horizontal. ($F_h 1= 334 \text{ N}$, $n= 120.000 \text{ cycles}$)	CORRECT
9. Arm Strength test. Horizontal static load. ($F_{h1}=445\text{N}$, $F_{h2}=667\text{N}$, $t=1 \text{ min}$)	CORRECT
10. Arm Strength test. Vertical static load. ($F_{v1}= 750\text{N}$, $F_{v2}=1125\text{N}$, $t=1 \text{ min.}$)	CORRECT
13. Arm durability test. ($F = 400\text{N}$, $n = 60 \text{ 000 cycles}$)	CORRECT
14. Seating durability test ($M= 57 \text{ kg}$, $h= 30 \text{ mm.}$, $n= 100.000 \text{ cycles}$)	CORRECT
15. Impact test ($h=152 \text{ mm.}$, $M_1=102 \text{ kg}$, $M_2=136 \text{ kg}$)	CORRECT
19. Swivel Test ($M = 113\text{kg}$, $n = 120.000 \text{ cycles}$)	CORRECT
21.3 & 21.5 Front and rear stability test	CORRECT

Paterna, August 4, 2017


José Emilio Nuévalos
Head of Furniture Laboratory

This certificate only refers to the samples tested by the AIDIMA laboratory.
The particular results of the tests are described in technical report N° 230.I.1708.475.ES.01, dated on July 31, 2017.

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