



TEST CERTIFICATE Nº 230.Z.1512.605.EN.2

References: 1507172-02, 1510183-01C -i

PRODUCT: Armchair **ACE WOOD**

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TEST: Compliance with the following standard:
ANSI – BIFMA x5.1:2011 OFFICE CHAIRS-TESTS

RESULT: The model tested satisfactorily fulfils the specifications for the standards used for chairs type III, in the following tests:

TESTS	RESULT
Paragraph 4 Type of chair	Type III
Paragraph 6 Back static load test ($F_{H1} = 667 \text{ N}$, $F_{H2} = 1112 \text{ N}$, $t=1 \text{ min.}$)	CORRECT
Paragraph 8 Impact test ($M_1=102 \text{ kg}$, $M_2=136 \text{ kg}$, $h=152 \text{ mm.}$, $n=1 \text{ time}$)	CORRECT
Paragraph 11.3 Seat cyclical impacts test ($M= 57 \text{ kg}$, $h= 30 \text{ mm.}$, $n= 100.000 \text{ cycles}$)	CORRECT
Paragraph 11.4 Seat front edge fatigue ($F_v= 734 \text{ N}$, $n= 20.000 + 20.0000 \text{ cycles}$)	CORRECT
Paragraph 12.3 & 12.4 Back and Frontal stability	CORRECT
Paragraph 13. Arm Strength test. Vertical static load ($F_{v1}=750\text{N}$, $F_{v2}=1125\text{N.}$, $t=1\text{min.}$)	CORRECT
Paragraph 14. Arm Strength test. Horizontal static load ($F_{H1}=445\text{N}$, $F_{H2}=667\text{N}$, $t=1 \text{ min}$)	CORRECT
Paragraph 16.4 Fatigue on wide back ($F_1= 334 \text{ N}$, $n= 120.000 \text{ cycles}$)	CORRECT
Paragraph 18.3 Leg forward static load test ($F_{H1} = 334 \text{ N}$, $F_{H2} = 503 \text{ N}$, $t=1 \text{ min.}$)	CORRECT
Paragraph 18.4 Leg sideways static load test ($F_{H1} = 334 \text{ N}$, $F_{H2} = 503 \text{ N}$, $t=1 \text{ min.}$)	CORRECT
Paragraph 21. Arm Durability test ($F = 400\text{N}$, $n = 60.000 \text{ cycles}$)	CORRECT

Paterna, December 16, 2015

Signed. 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 reference: Ref.: 1507172-02, 1510183-01m dated 16/12/2015.

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