

TEST CERTIFICATE N. 230.Z.1604.235.EN.01

Reference: 1602014-01, 1702026-01, 1704023-01, 1705059-01-Ci

PRODUCT: Armchair **MAARTEN**

COMPANY: **VICCARBE HABITAT, S.L.**
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46469 BENIPARRELL (VALENCIA) SPAIN
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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. ($F = 400\text{N}$, $n = 60\ 000 \text{ cycles}$)	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, June 22, 2016


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.1706.396.ES.01, dated on June 19, 2017.

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TEST CERTIFICATE Nº 230.Z.1507.408.EN.1

References: 1506039-03b - 1507184-01 C -i

PRODUCT: Chair **MAARTEN**

COMPANY: **VICCARBE HABITAT, S.L.**
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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 ($F_{H1} = 667$ N, $F_{H2} = 1112$ N, $t=1$ min.)	CORRECT
Paragraph 8 Seat unique impact test ($M_1=102$ kg, $M_2=136$ kg, $h=152$ mm., $n=1$ time)	CORRECT
Paragraph 11.3 Seat cyclical impacts test ($M= 57$ kg, $h= 30$ mm., $n= 100.000$ cycles)	CORRECT
Paragraph 11.4 Seat front edge fatigue ($F_V= 734$ N, $n= 20.000 + 20.0000$ cycles)	CORRECT
Paragraph 12.3 & 12.4 Back and Frontal stability	CORRECT
Paragraph 16.4 Fatigue on wide back ($F_1= 334$ N, $n= 120.000$ cycles)	CORRECT
Paragraph 18.3 Leg forward static load test ($F_{H1} = 334$ N, $F_{H2} = 503$ N, $t=1$ min.)	CORRECT
Paragraph 18.4 Leg sideways static load test ($F_{H1} = 334$ N, $F_{H2} = 503$ N, $t=1$ min.)	CORRECT

Paterna, Septiembre 2, 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.: 1506039-03b - 1507184-01 dated 2/09/2015.

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TEST CERTIFICATE

Reference: 1404136-01 - C-i

PRODUCT: Armchair model "MAARTEN"

COMPANY: VICCARBE HABITAT, S.L.
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TEST: Compliance with the following standard:
UNE EN 16139:13 Furniture. Strength, durability and safety. Requirements for non domestic seating.

RESULT: Satisfactorily complies with specifications of standard used for level L1, general public use, according to the following tests, among those referred to in the standard:

TESTS	RESULT
Annex C Dimensional Requirements	CORRECT
Section 4.1 – 4.2 Safety. General requirements and Shear and squeeze points.	CORRECT
Section 4.5 Safety of the construction:	
- Test 1. Seat and back static load test (Fv=1 600N, Fh=560N, 10 times)	CORRECT
- Test 2. Seat front edge static load test (Fv= 1 300N, 10 times)	CORRECT
- Test 3. Vertical static load on back (Fv = 1 300N, Q= 600N, 10 times)	CORRECT
- Test 5. Arm sideways static load test (F = 400N, 10 times)	CORRECT
- Test 6. Arm downwards static load test (F = 750N, 5 times)	CORRECT
- Test 7. Vertical upwards static load on arm rest (F = 250N, 10 times)	CORRECT
- Test 8. Seat and back durability test (Fv = 1 000N, Fh= 300N, n= 100 000 cycles)	CORRECT
- Test 9. Seat front edge durability test (Fv = 800N, n= 50 000 cycles)	CORRECT
- Test 10. Arm durability test (F = 400N, n= 30 000 cycles)	CORRECT
- Test 14. Seat impact test (h= 240 mm., 10 times)	CORRECT
- Test 16. Arm impact test ($\alpha = 38^\circ$, h= 210 mm., 10 times)	CORRECT
Annex A Backward fall test (5 times)	CORRECT

Paterna, June 9, 2014

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 ref. 1404136-01 dated on 2/06/2014.

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