

TEST CERTIFICATE n. 230.Z.1611.670.EN.01

References: 1610067-01,02 1610113-01, 1611181-01- C-i

PRODUCT: Chair mod. "ATENEA"
Chair mod. "ATENEA" with auxiliary writing surface



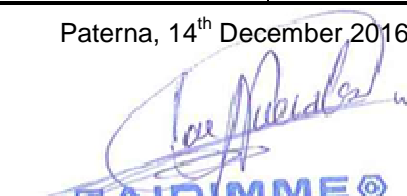

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TEST: Compliance with the following standards:
"UNE EN 16139:2013" Requirements for non-domestic seating.
"UNE EN 1728:2013" Furniture - Seating - Test methods for the determination of strength and durability.

RESULT: The model tested satisfactorily fulfills the especifications for the standards applied for a level L1 **general public use** in the following tests from among those referred to in the standards:

TESTS	RESULT
§. 4. Safety	
§. 4.1. – General	CORRECT
§. 4.2.3 – Shear and squeeze points during use	CORRECT
§. 4.3. Stability (forward, sideways with arms, rearward)	STABLE
§. 5. Safety, Strength and Durability Requirements	
- Test 1 Seat and back static load test (F _v = 1600 N, F _H = 560 N, n= 10 times)	CORRECT
- Test 2 Seat front edge static load test (F _v = 1 300N, 10 times)	CORRECT
- Test 3 Vertical static load test on back (F _v = 1300 N, F _v = 600 N, n= 10 times)	CORRECT
- Test 5 Arm sideways static load test (F _H = 400N, 10 times)	CORRECT
- Test 6 Arm downwards static load test (F _H = 750N, 10 times)	CORRECT
- Test 7 Vertical upwards static load on arm rests (F _v = 250N, t=10 seg, n=10 times)	CORRECT
- Test 8 Seat and back fatigue test (F _v = 1 000N, F _H = 300N, n= 100 000 cycles)	CORRECT
- Test 9 Seat front edge fatigue test (F _v = 800N x2, n= 50 000 cycles)	CORRECT
- Test 10 Arm fatigue test (F _v = 400 N, n= 30.000 cycles)	CORRECT
- Test 12 Leg forward static load test (F _v = 1 000 N., F _H = 500 N, 10 times)	CORRECT
- Test 13 Leg sideways static load test (F _v = 1 000 N., F _H = 400 N, 10 times)	CORRECT
- Test 14 Seat impact test (M= 25 kg, h= 240 mm., 10 times)	CORRECT
- Test 16 Arm impact test (M= 5 kg. α = 38°, n= 10 times)	CORRECT
- Test 19 Auxiliary writing surface static load test (F _v = 300 N, 10 times)	CORRECT
- Test 20 Auxiliary writing surface durability test (F _v = 150 N, 10000 cycles)	CORRECT
Annex A – Additional tests	
- Test 1 Annex A Drop test for stacking seating (h= 150 mm., 10 times)	CORRECT
- Test 2 Annex A Backward fall test (n= 5 times)	CORRECT
Annex C– Additional tests	
Dimensional requirements for office visitor chairs	CORRECT

Paterna, 14th December 2016


AIDIMME 
Signed: José Emilio Nuévalos
Head of Furniture Laboratory

This certificate only refers to the samples tested by the AIDIMME laboratory.

The particular results of the tests are described in technical report nº 230.I.1611.670.ES.01 dated on 29/11/2016.

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