

TEST CERTIFICATE n. 231.Z.1910.546.EN.02

References: 1905137-01 – 1906170-01 – 1906170-02 – 1909147-01-C-i

PRODUCT: Office chair “EQUIS” Model

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TEST: Compliance with standards:
UNE EN 1335-1:2001, UNE EN 1335-2 & 3:2009
Office furniture. Office work chair.
Part 1: Dimensions. Determination of dimensions.
Part 2: Safety requirements. Part 3: Safety test methods.

RESULT: The model tested satisfactorily fulfils the specifications for the standard used for office work chairs, in the following tests applicable to the product:

TEST	RESULT
Sect. 6. Dimensions (UNE-EN 1335-1:2001)	TYPE C
Sect. 4.1 General requirements of design	CORRECT
STABILITY §. 7.3.– Test procedures, all seating (UNE EN 1022:2019) (E1:7.3.3. Corner stability test; E2:7.3.1. Forwards overturning; E5:7.3.5. Sideways overturning, all other seating; E6:7.3.6. Rearwards overturning all seating with back rests, E7: Rearwards overturning for seating with reclining back rests)	STABLE
Sect. 4.4 Rolling resistance of the chair without charge (≥ 12 N)	CORRECT
Sect. 4.5 Strength and durability	
7.2.1 Seat front edge static load test ($F_V = 1600$ N, 10 times)	CORRECT
7.2.2 Seat and back static load test ($F_1 = 1600$ N, $F_2 = 560$ N, 10 times)	CORRECT
7.2.3 Arm vertical static load test (F_V central = 750 & 900 N, 10 times each)	CORRECT
7.3.1 Backrest – seat fatigue	CORRECT
<u>sequence 1</u> => $F=1500$ N, $n = 120.000$ Point A	
<u>sequence 2</u> => $F_1=1200$ N, $F_2 = 320$ N, $n = 80.000$ cycles Points C, B	
<u>sequence 3</u> => $F_1=1200$ N, $F_2 = 320$ N, $n = 20.000$ cycles Points J, E	
<u>sequence 4</u> => $F_1=1200$ N, $F_2 = 320$ N, $n = 20.000$ cycles Points F, H	
<u>sequence 5</u> => $F=1200$ N, $n = 20.000$ cycles Points D, G Alternative	
7.3.2 Arm rest durability ($F_V = 400$ N, $n = 60.000$ cycles)	CORRECT

Paterna, 4th October 2019

P.A.



Signed. José Emilio Nuévalos
Furniture and Products Laboratory
Head of Section

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

The particular results of the tests are described in technical report n. 231.I.1910.546.ES.02 dated on 30/09/2019.

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