

TEST CERTIFICATE Nº 230.T.1604.204.EN.01

References: 1602117-01, 1608033-04, 1611103-01 C-i

PRODUCT: Office armchair **TNK FLEX**

COMPANY: **ACTIU BERBEGAL Y FORMAS, S.A.**
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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	TYPE C
Sect. 4.1 General requirements of design	CORRECT
Sect. 4.3 Stability tests (7.1.1.Front edge overturning, 7.1.2.Forwards overturning, 7.1.5. Sideways overturning for chairs whit arms rest, 7.1.7. Rearwards overturning for chairs whit adjustable back rest inclination)	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 y 900 N, 10 times each)	CORRECT
7.3.1 Backrest – seat fatigue sequence 1=> $F=1500$ N, n = 120.000 Point A sequence 2=> $F_1=1200$ N, $F_2= 320$ N, n = 80.000 cycles Points C, B sequence 3 => $F_1=1200$ N, $F_2= 320$ N, n = 20.000 cycles Points J, E sequence 4 => $F_1=1200$ N, $F_2= 320$ N, n = 20.000 cycles Points F, H sequence 5 => $F=1200$ N, n = 20.000 cycles Points D, G Alternative	CORRECT
7.3.2 Arm rest durability ($F_v = 400$ N, n = 60.000 cycles)	CORRECT

Paterna, December 21, 2016

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.1612.714.ES.01 date on 21/12/2016

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