

(Translation) Report No.: 29170-1-a	Date of receipt:	14/12/2011
	Starting date:	02/01/2012
	Date of completion:	13/02/2012
	Date of issue:	14/02/2012
Page 1 of 3		
Customer:	SILLÓN SUR, S.A.U.	
Contact person:	ÁLVARO LÓPEZ	
Address:	C/ Acueducto 12-14 41703 DOS HERMANAS (SEVILLA) SPAIN	
Reference:	EBEN	
Characteristics:	Work chair with arm rests and upholstered backrest	
Standard:	UNE-EN 1335-1:2001/AC:2003 and UNE-EN 1335-2/3:2009	



Dimensions (UNE-EN 1335-1:2001/AC:2003)	Adjustable / Non adjustable		Non adjustable
	Min.	Max.	
Seat			
Height	416±1,63	550±1,63	—
Depth	425±1,63	496±1,63	—
Depth of surface	—	—	454,66±1,33
Width	—	—	480,33±1,33
Inclination of the surface	0,33±0,90	-5,66±0,90	—
Back			
Height of the back supporting point S above seat surface	170±1,15	220±1,15	—
Height	—	—	619,66±1,33
Height of back from the surface of the seat	—	—	575,33±1,33
Width	—	—	475±1,15
Horizontal radius	—	—	725±1,15
Inclination	-5,66±0,90	-25,66±0,90	—
Arm rests			
Length	—	—	215±1,15
Width	—	—	70,33±1,33
Height from seat surface	—	—	200±1,15
Distance front of arm rests to front edge of seat surface	—	—	114,66±1,33
Clear width between arm rests	—	—	470,33±1,33
Underframe			
Max.offset of the underframe	—	—	369,66±1,33
Stability dimension	—	—	244,66±1,33

CLASSIFICATION: TYPE C, according to UNE-EN 1335-1:2001/AC:2003

Tests	Standard/section	Test Parameters	RESULT																														
General safety requirements	UNE-EN 1335-2:2009	---	SATISFACTORY																														
Front edge overturning	UNE-EN 1335-3:2009 sec. 7.1.1	Mass (kg): 27	SATISFACTORY																														
Forward overturning	UNE-EN 1335-3:2009 sec. 7.1.2	Vertical force (N): 600 Horizontal force (N): 20	SATISFACTORY																														
Sideways overturning for chairs with arm rests	UNE-EN 1335-3:2009 sec. 7.1.5	Vertical force F ₁ (N): 250 Vertical force F ₂ (N): 350 Horizontal force F ₃ (N): 20	SATISFACTORY																														
Rearwards overturning of chairs with back rest inclination	UNE-EN 1335-3:2009 sec. 7.1.6	Mass (kg): 10	SATISFACTORY																														
Seat front edge static load test	UNE-EN 1335-3:2009 sec.7.2.1	Downward vertical force (N): 1600 No. of cycles: 10	SATISFACTORY																														
Combined seat and back static load test	UNE-EN 1335-3:2009 sec.7.2.2	Load applied (N): 1600 Load applied on back (N): 560 No. of cycles: 10	SATISFACTORY																														
Arm rest downward static load - central	UNE-EN 1335-3:2009 sec. 7.2.3	Vertical force applied (N): 900 No. of cycles: 5	SATISFACTORY																														
Arm rest downward static load - front	UNE-EN 1335-3:2009 sec. 7.2.4	Vertical force applied (N): 450 No. of cycles: 5	SATISFACTORY																														
Arm rest sideways static load	UNE-EN 1335-3:2009 sec. 7.2.5	Horizontal force applied (N): 400 No. of cycles: 10	SATISFACTORY																														
Seat and back durability test	UNE-EN 1335-3:2009 sec.7.3.1	<table border="1"> <thead> <tr> <th>Step</th> <th>Order</th> <th>Load point</th> <th>Force(N)</th> <th>No. of cycles:</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>A</td> <td>1500</td> <td>120.000</td> </tr> <tr> <td>2</td> <td>C-B</td> <td>C B</td> <td>1200 320</td> <td>80.000</td> </tr> <tr> <td>3</td> <td>J-E</td> <td>J E</td> <td>1200 320</td> <td>20.000</td> </tr> <tr> <td>4</td> <td>F-H</td> <td>F H</td> <td>1200 320</td> <td>20.000</td> </tr> <tr> <td>5</td> <td>D-G</td> <td>D G</td> <td>1100 1100</td> <td>20.000 alternating</td> </tr> </tbody> </table>	Step	Order	Load point	Force(N)	No. of cycles:	1	A	A	1500	120.000	2	C-B	C B	1200 320	80.000	3	J-E	J E	1200 320	20.000	4	F-H	F H	1200 320	20.000	5	D-G	D G	1100 1100	20.000 alternating	SATISFACTORY
Step	Order	Load point	Force(N)	No. of cycles:																													
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4	F-H	F H	1200 320	20.000																													
5	D-G	D G	1100 1100	20.000 alternating																													
Arm rest durability	UNE-EN 1335-3:2009 sec.7.3.2	Vertical forces applied (N/arm): 400 No. of cycles: 60.000	SATISFACTORY																														

Tests	Standard/section	Test Parameters	RESULT
Swivel test	UNE-EN 1335-3:2009 sec. 7.3.3	Total load applied (kg): 95 No. of cycles: 120.000	SATISFACTORY
Castor and chairbase durability	UNE-EN 1335-3:2009 sec. 7.3.5	Load on seat (kg): 110 No. of cycles: 36.000	SATISFACTORY
Rolling resistance of the unloaded chair	UNE-EN 1335-3:2009 sec. 7.4	Necessary force (N): ≥ 12	SATISFACTORY



Julen Telleria
Laboratory technician





Maite Gurrutxaga
Technical Resp. for the Accreditation

*In case of a lawsuit, the original Spanish report shall be taken as reference.

*The results obtained in these tests only refer to the sample(s) analysed at this centre on the date shown, and do not involve a sample referring to production quality.

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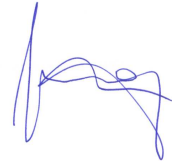
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Characteristics:	Work chair with arm rests and mesh backrest	
Standard:	UNE-EN 1335-1:2001/AC:2003	
		

Dimensions (UNE-EN 1335-1:2001/AC:2003)	Adjustable / Non adjustable		Non adjustable
	Min.	Max.	
Seat			
Height	415,66±1,33	550±1,63	—
Depth	424,66±1,33	535±1,63	—
Depth of surface	—	—	454,33±1,33
Width	—	—	480,33±1,33
Inclination of the surface	0,33+0,90	-6±1,30	—
Back			
Height of the back supporting point S above seat surface	170±1,15	220±1,15	—
Height	—	—	620±1,63
Height of back from the surface of the seat	—	—	574,66±1,33
Width	—	—	475±1,15
Horizontal radius	—	—	623±1,15
Inclination	-6,66±0,90	-28±1,30	—
Arm rests			
Length	—	—	250±1,15
Width	—	—	95,33±1,33
Height from seat surface	180,33±1,33	280,33±1,33	—
Distance front of arm rests to front edge of seat surface	100,33±1,33	139,66±1,33	—
Clear width between arm rests	420,33±1,33	480±1,63	—
Underframe			
Max.offset of the underframe	—	—	370,33±1,33
Stability dimension	—	—	245,33±1,33

CLASSIFICATION: TYPE C, according to UNE-EN 1335-1:2001/AC:2003



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