



Oktaviachair ApS
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Initials laha/prni/hbs

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Test Report

Material: Model: Oktavia chair

Type:	Chair				
Length:	430 mm	Width:	520 mm	Height:	730 mm
Weight:	4,05 kg				
Materials:	Ø 18 mm metal tubes, 9 mm plywood				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 23-04-2015.

Method: **EN 1022:2005** Domestic furniture - Seating - Determination of stability.
EN 16139:2013 Furniture - Strength, durability and safety - Requirements for non-domestic seating.
Clauses 4.1, 4.2.3, 4.3.3, 5, 6.1.1, 6.1.2, 6.1.3, 6.1.8, 6.1.9, 6.1.12, 6.1.13, 6.1.14, 6.1.15 with reduced loads.

Period: The testing was carried out from 24-04-2015 to 15-06-2015.

Result: Model Oktavia chair was tested with the test methods in EN 1022:2005 and EN 16139:2013 – user weight was reduced from 110 kg to 60 kg – the loads were relatively reduced to the user weight.
Individual results appear from Appendices 1

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

15-06-2015, Danish Technological Institute, Wood Technology, Taastrup

Test responsible

Co-reader

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Test of model: Oktavia chair

Method EN 16139 – reduced load

Test	Test Method	Cycles	Load	Result
4.1 General	EN 16139, 4.1			Passed
4.2.2 Shear and squeeze points under influence of powered mechanisms	EN 16139, 4.2.2			N/A
4.2.3 Shear and squeeze points during use	EN 16139, 4.2.3			Passed
4.3.2 Swivelling chairs	EN 1022			N/A
4.3.3 Non swivelling chairs	EN 1022			Passed
4.4 Rolling resistance of the unloaded chair	EN 16139, 4.4			N/A
5 Strength and durability requirements	EN 16139, 5			Passed
6.1.1 Seat static load and back static load test	EN 1728:2012, 6.4	10 10	Seat: 872 N Back: 305 N	Passed Not possible
6.1.2 Seat front edge static load	EN 1728:2012, 6.5	10	Seat: 709 N	Passed
6.1.3 Vertical load on back rests	EN 1728:2012, 6.6	10	Back: 327 N Seat: 709 N	Passed
6.1.4 Foot rest static load test	EN 1728:2012, 6.8			N/A
6.1.4 Leg rest static load test	EN 1728:2012, 6.9			N/A
6.1.5 Arm rest sideways static load test	EN 1728:2012, 6.10			N/A
6.1.6 Arm rest downwards static load test	EN 1728:2012, 6.11			N/A
6.1.7 Vertical upwards static load on arm rests	EN 1728:2012, 6.13			N/A
6.1.8 Combined seat and back durability test	EN 1728:2012, 6.17	100000 100000	Seat: 545 N Back: 163 N	Passed Not possible
6.1.9 Seat front edge durability test	EN 1728:2012, 6.18	50000	436 N	Passed
6.1.10 Arm rest durability test	EN 1728:2012, 6.20			N/A
6.1.11 Foot rest durability test	EN 1728:2012, 6.21			N/A
6.1.12 Leg forward static load test	EN 1728:2012, 6.15	10	Edge: 273 N) (Seat: 545 N)	Passed
6.1.13 Legs sideways static load test	EN 1728:2012, 6.16	10	Edge: 218 N) (Seat: 545 N)	Passed
6.1.14 Seat impact test	EN 1728:2012, 6.24	10	131 mm	Passed
6.1.15 Back impact test	EN 1728:2012, 6.25	10	115 mm	Passed
6.1.16 Arm Impact Test	EN 1728:2012, 6.26			N/A
6.1.17 Drop test (multiple seating)	EN 1728:2012, 6.27.1			N/A
6.1.18 Auxiliary writing surface static load test	EN 1728:2012, 6.14			N/A
6.1.19 Auxiliary writing surface durability test	EN 1728:2012, 6.22			N/A
7 Information for use	EN 16139, 7			N/A

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Photo

