Test report

Report No.:
865122-9

DANISH TECHNOLOGICAL INSTITUTE

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Init: JJU/JHA
Order no.: 865122
Number of appendices: 2

Assignor:	Normann Copenhagen ApS, Østerbrogade 70, DK-2100 København Ø
Item :	**My Chair Lounge**
Sampling:	The test material was sampled by the assignor and received at the Danish Technological Institute on 2019-09-24.
Period:	The testing was carried out from 2019-10-01 to 2019-10-22.
Test method:	EN 16139:2013, Furniture - Strength, durability and safety - Requirements for non domestic seating EN 1022:2005, Domestic furniture - Seating - Determination of stability EN 16139 Test severity L2: Extreme use: E.g. in night-clubs, police stations, transport terminals, sport changing rooms, prisons, barracks (non-controlled areas). Additional information is given in appendix B.
Results:	**Passed.** The results are shown in appendix A.
Terms:	Accredited testing was carried out in compliance with international requirements (EN/ISO/IEC 17025:2005) and in compliance with Danish Technological Institute's General Terms and Conditions regarding Commissioned Work accepted by Danish Technological Institute. The test results apply to the tested products only. This report may be quoted in extract only if the laboratory has granted its written consent.
Date/place:	2019-10-24, Danish Technological Institute, Taastrup, Building and Construction
Signature:	Jesper Junge Pedersen — Digitally signed by Jesper Junge Pedersen Date: 2019.10.24 15:10:55 +02'00' Jesper Junge Pedersen Test responsible Jan Hansen — Digitally signed by Jan Hansen Date: 2019.10.25 10:37:12 +02'00' Jan Hansen Co-signatory

ilac-MRA DANAK
TEST Reg.nr. 2

System version: #38f85d3632109d61ed88bc3b89f4506e25924d9d

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Test of Model: My Chair Lounge

Loading according to test severity EN 16139 level L2.

Test no.	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 1335			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, 6.4	10 10	Seat: 2000 N Back: 700 N	Passed
6.1.2	Seat front edge static load	EN 1728, 6.5	10	Seat: 1600 N	Passed
6.1.3	Vertical load on back rests	EN 1728, 6.6	10	Seat: 1800 N Back: 900 N	Passed
6.1.4	Foot rest static load test	EN 1728, 6.8	10		N/A
6.1.4	Leg rest static load test	EN 1728, 6.9	10		N/A
6.1.5	Arm rest sideways static load test	EN 1728, 6.10	10		N/A
6.1.6	Arm rest downwards static load test	EN 1728, 6.11	5		N/A
6.1.7	Vertical upwards static load on arm rests	EN 1728, 6.13	10		N/A
6.1.8	Combined seat and back durability test	EN 1728, 6.17	200000 200000	Seat: 1000 N Back: 300 N	Passed
6.1.9	Seat front edge durability test	EN 1728, 6.18	100000	800 N	Passed
6.1.10	Arm rest durability test	EN 1728, 6.20	60000		N/A
6.1.11	Foot rest durability test	EN 1728, 6.21	100000		N/A
6.1.12	Leg forward static load test	EN 1728, 6.15	10	Edge: 620 N (Seat: 1800 N)	Passed
6.1.13	Legs sideways static load test	EN 1728, 6.16	10	Edge: 600 N (Seat: 1800 N)	Passed
6.1.14	Seat impact test	EN 1728, 6.24	10	300 mm	Passed
6.1.15	Back impact test	EN 1728, 6.25	10	330 mm / 48 °	Passed
6.1.16	Arm Impact Test	EN 1728, 6.26	10		N/A
6.1.17	Drop test (multiple seating)	EN 1728, 6.27.1	2 x 5		N/A
6.1.18	Auxiliary writing surface static load test	EN 1728, 6.14			N/A
6.1.19	Auxiliary writing surface durability test	EN 1728, 6.22	20000		N/A
7	Information for use	EN 16139, 7			N/A

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Information required by EN 16139:2013

European Standards used:

EN 16139:2013 - Furniture - Strength, durability and safety - Requirements for non-domestic seating

EN 1022:2005 - Domestic furniture - Seating - Determination of stability

Details of tested seating:

Model:	My Chair Lounge			**Type:**	Chair		
Width:	580 mm	**Length:**	670 mm	**Height:**	730 mm	**Weight:**	7.8 kg
Materials:	Oak						

Details of defects observed before testing:

None.

Details of any deviations from this standard:

None.

Any variation from the specified temperature range:

None.

Test result:

See appendix A.

Name and address of the test facility:

Danish Technological Institute, Gregersensvej, Taastrup 2630, Denmark

Date of test:

2019-10-01 to 2019-10-22

Photo of the received sample: