Card No 1 – 18a/14/S
Strength test. **Furniture for seating**

Name and symbol of furniture type: Orte OT3DH102 swivel armchair
Weight of furniture in N 125

Method: PN-EN 1335-3:2009
Requirements: PN-EN 12520:2010, PN-EN 15373:2010, PN-EN 1022:2007

Standard point	Type of test	Test parameters	Test result
7.1.1	Stability test. Front edge overbalancing	Vertical load 27 kg	Positive
7.1.2	Stability test. Forward overbalancing	Vertical load 60 kg Horizontal force 20 N	Positive
7.1.5	Stability test. Sideward overbalancing	Vertical load on seat 35 kg on armrests 25 kg Horizontal force 20 N	Positive
7.1.7	Stability test. Backward overbalancing. Furniture with reclining backrest	Load 13 rings (130 kg)	Positive
7.2.1	Front seat edge static load test	Vertical force on seat 1600 N 10 cycles	Positive
7.2.2	Seat and backrest static load test	Vertical force on seat 1600 N, 10 cycles Force perpendicular to backrest 560 N 10 cycles	Positive
7.2.3	Armrest downward static load test	Vertical force 900 N 10 cycles	Positive
7.2.4	Armrest downward static load test. Front armrest edge test	Vertical force 450 N 5 cycles	Positive
7.2.5	Armrest outward static load test	Horizontal force 400 N 10 cycles	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*
Robert Kłos, PhD Eng. *[Illegible signature]*

Card No 2 – 18a/14/S
Strength test. **Furniture for seating**

Name and symbol of furniture type: Orte OT3DH102 swivel armchair

Continued
Method: PN-EN 1335-3:2009
Requirements: PN-EN 12520:2010, PN-EN 15373:2010, PN-EN 1022:2007

7.3.1	Seat fatigue test. In point A	Vertical force on seat 1500 N 120,000 cycles	Positive
7.3.1	Seat and backrest fatigue test. In points C – B	Vertical force on seat 1200 N 100,000 cycles Force perpendicular to backrest 320 N 100,000 cycles	Positive
7.3.1	Seat and backrest fatigue test. In points J – E	Vertical force on seat 1200 N 20,000 cycles Force perpendicular to backrest 320 N 20,000 cycles	Positive
7.3.1	Seat and backrest fatigue test. In points D – G	Vertical force on seat 1200 N 20,000 cycles Force perpendicular to backrest 320 N 20,000 cycles	Positive
7.3.2	Armrest fatigue test	Vertical force 300 N 50,000 cycles	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*
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Card No 3 – 18a/14/S
Determination of functional dimensions. **Furniture for seating**

1. Name and symbol of furniture type: Orte OT3DH102 swivel armchair

Method and requirements: PN-EN 1335-1:2004

Standard point	Name of component	Dimensions	Measurement result
6.1	Height of seat, a	Min. 520 mm Max. 440 mm	Positive
6.2	Depth of seat, b	430 mm	Positive
6.3	Depth of seat surface, c	430 mm	Positive
6.4	Width of seat, d	460 mm	Positive
6.5	Inclination of seat, e	-1°	Positive
6.6	Height of back support points above seat level, f	210 mm	Positive
6.7	Height of backrest pillow, g	450 mm	Positive
6.8	Height of upper backrest edge above seat level, h	450 mm	Positive
6.9	Width of backrest, i	450 mm	Positive
6.10	Curvature radius of backrest, k	1000 mm	Positive
6.11	Adjustment range of backrest inclination, l	-	Positive
6.12	Usable length of armrests, n	200 mm	Positive
6.14	Usable width of armrests above seat, p	200 mm	Positive
6.15	Distance from usable armrest front to front seat edge, q	195 mm	Positive
6.16	Width of clearance between armrests, r	495 mm	Positive
6.17	Maximum base arm of swivel chair, s	385 mm	Positive
6.18	Stability dimension, t	250 mm	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*
Robert Kłos, PhD Eng. *[Illegible signature]*