PRZEDSIĘBIORSTWO USŁUGOWO REMONTOWE
REMODEX
ZAKŁAD BADAŃ I WDROŻEŃ PRZEMYSŁU MEBLARSKIEGO
Spółka z o.o.

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SIGN: BW/JK/155/18 DATE: 2018-06-29

Order from: 2018-04-16

TEST REPORT No: 107/18/W

Safety requirements, strength and durability

1. *Name and type of article* - **Swivel chair ADA-S**
(with armrests and synchronous mechanism)

2. *CLIENT* - **MJ DESIGN Kramkowski i Hipe**
Spółka Jawna
WIENIEC, ul. Parkowa 29
87-880 BRZEŚĆ KUJAWSKI

3. *Documents identifying article* - order + technical records.

This article was tested in accordance with the test procedures described in: **BS 5459-2:2000**[*/]

TEST RESULTS: **POSITIVE**

*/ - standard applies to office chairs pedestal for use by people weighing up to 150 kg and for use up to 24 hours a day.

Test operator
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/M Sc.(Eng.) Jacek Konieczny

PREZES ZARZĄDU
mgr inż. Piotr Błeszczek

TEST REPORT contain 2 pages

TEST REPORT No: 107/18/W

OFFICE FURNITURE. OFFICE CHAIR ON PEDESTAL TO USE BY PERSON ABOUT MASS TO 150 kg, TO 24 h DAILY

Name and type article: **Swivel chair ADA-S**

point BS 5459-2:2000	Test Description	Loading	Cycles	Requir-ements	Test results
A.5 A.5.1	**Durability and safety tests** *Safety tests front-back* - seat (force V_1) - back (force H_1) - seat front edge (force V_2)	 vertical force: 1214 N horizontal force: 882 N vertical force: 1400 N	 120 000 120 000 120 000	WITHOUT DEFECTS	 pass pass pass
	Durability tests - seat (force V_1) - back (force H_1) - seat front edge (force V_2)	 vertical force: 1214 N horizontal force: 882 N vertical force: 1400 N	 380 000 380 000 380 000		 pass pass pass
A.5.2	**Impact tests** *Seat in highest position* - seat impact test - seat front edge impact test	drop height: 350 mm	5		pass
	Seat in lowest position - seat impact test - seat front edge impact test	drop height: 350 mm	5		pass
A.5.3	Back impact test	drop height: 330 mm, angle: 45°	10		pass
A.5.4	Drop test - on front leg - on after leg	drop height: – 450 mm	10		 pass pass
A.5.5	Side safety test	vertical force: 1200 N	250 000		pass
A.6 A.6.2.1	STABILITY - overbalancing to front	vertical force: 600 N horizontal force: 20 N	1 times	IT DOES NOT FALL OVER	pass
A.6.2.2	- overbalancing on sides	vertical force: 250 N (on seating) vertical force: 350 N (on arm) horizontal force: 20 N	1 times		pass
A.6.3.1	- overbalancing to back	vertical force: 600 N (on seating) force F overbalancing: - on chairs with $h \geq 720$ mm - 80 N - on chairs with $h < 720$ mm - 285,7 $[1-(h/1000)] = 131$ N	1 times		pass
A.6.3.2	- accidental overbalancing to back	the front edge of seat lifted vertical distance 100 mm	1 times		pass
A.6.4	overbalancing to back chairs with tilting or reclining mechanism	13 loading discs – 130 kg	1 times		pass
A.7 A.7.2	DURABILITY of COMPONENTS Arm sideway static load	horizontal force 600 N	10	WITHOUT DEFECTS	pass
A.7.3	Arm downwards static load	vertical force 1200 N	10		pass
A.7.4	Arm impact test	330 mm or angle 48°	10		pass
A.7.5	Swivel chair	angle of rotation – 45°	100 000		pass
A.7.6	Adjustment of seat height	vertical force 1200 N	10 000		pass
A.7.8	Durability of control device	force 100 N	10		pass
A.7.9	Durability of blocking device	horizontal force 400 N	500 000		pass

SIGNED .....

LABORATORIUM