



CENTRE FOR TESTING AND CERTIFICATION - MECH-TEST

Mechanical Laboratory

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TEST REPORT NO. **CBC-003/2016**

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Subject of testing:	<i>Ramp</i>	Classification according to	PN-EN ISO 9999:2011 : 18 30 15
Type / Model:	<i>SR 180 SR 240</i>	SN.:	<i>D10115007 D10215162</i>
Manufacturer:	<i>MOBILEX A/S Grønlandsvej 5 DK-8660 Skanderborg</i>	Number of specimens:	<i>2</i>
Applicant:	<i>A-Net s.c. 93-469 Łódź, ul. Łaskowice174</i>		
Kind of testing	<i>Testing scope according to application of Client Mechanical testing according to PN-EN 12182:2012;</i>		
Test started:	<i>4.01.2016</i>		
Test finished:	<i>12.01.2016</i>		

Approved by:

DYREKTOR


mgr inż. Andrzej Tkaczyk

Special comments / enclosures:

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Test results refer only to tested units.

Test results reported here are not applicable to the further modifications of the product affecting its structure, material or technology.

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TEST RESULTS according to PN-EN 12182 : 2012

Requirements according to clause	Test method according to clause	Checked characteristics/assemblies/parameters	Test result	Opinion	Comments
4.1	4.8, 5.2, 5.4.2, 5.5, 6, 8.2.1, 9.4, 10, 22, 24 i EN 1441	Risk analysis	--	N/T	
4.2	V/I	Expected characteristics and technical documentation	Conf.	Pos.	
4.3	EN ISO 14155	Clinic assessment	--	N/T	
4.4	V/I	Technical support which can be dismantled	Conf.	Pos.	
4.5	V/I	Single use connections	Conf.	Pos.	
4.6	V/I	Boundary values of user weight	Conf.	Pos.	
4.7	V/I	Immobilising means	--	N/A	
4.8	V/I, C5	Suitability of the product for people with cognitive impairment	--	N/T	
		The presence of the description in the manufacturer's documentation	--	N/T	
Materials					
5.1	EN 60601-1-9	Recycling	--	N/T	
5.2	V/I, B 5.2	Flammability	--	N/A	
5.2.2	V/I	Upholstered parts, mattresses, bed bases and bedding	--	N/A	
5.2.3	V/I, EN 1021	Upholstered parts	--	N/A	
5.2.4	V/I, EN 597	Mattresses and bed bases	--	N/A	
5.2.5	V/I, EN ISO 12952	Bedding	--	N/A	
5.2.6	V/I, EN 60695-11-10	Moulded parts	--	N/A	
5.3	EN ISO 10993-1 Annex. D	Biological conformity and toxicity	--	N/T	
5.4	V/I	Contaminants and residues	--	N/A	
5.5	V/I, B.5.5.1	Microbiological infections and contamination	Cleaning	Conf.	Pos.
	V/I, B.5.5.1		Disinfection	--	N/A
	V/I, EN ISO 22442-1 B.5.5.2		Animal tissue	--	N/A
5.6	EN ISO 9227	Resistance to corrosion	--	N/T	
6		Emitted sound and vibration			
6.1	EN ISO 3746 B6	Noise and vibration	--	N/A	
6.2	EN ISO 3746	Sound levels and frequencies of audible warning devices	--	N/A	
Requirements according to clause	Test method according to clause	Checked characteristics/assemblies/parameters	Real value	Test result	Comments
6.3	EN ISO 3746	Feedback	--	N/A	
7	EN 60601-1-2 7.2, 7.3, 7.4	Electromagnetic compatibility	--	N/A	
8		Electrical safety	--	N/A	
9	V/I	Overflow, spillage, leakage, and ingress of liquids	--	N/A	
10	V/I. Measur.	Surface temperature	--	N/A	$t \leq 41^{\circ}\text{C}$ ■ requirement does not concern heat of direct solar radiation - PN-EN 12182, clause 10a ■ requirement concerns only persons with insensitiveness of skin (who do not feel heat) - PN-EN 12182, clause 10d
11	V/I	Sterility	--	N/A	

Requirements according to clause	Test method according to clause	Checked characteristics/assemblies/parameters	Real value	Test result	Comments
12	V/I. Measur.	Safety of moving parts	Conf.	Pos.	Note in service manual
13	V/I. Measur.	Prevention of traps for parts of the human body	Conf.	Pos.	Note in service manual
14	V/I	Folding and adjusting mechanisms	Conf.	Pos.	Note in service manual
15	V/I. Measur.	Carrying handles	Conf.	Pos.	loading 275 N
16	V/I. Measur.	Assistive products which support or suspend users	Conf. *)	Pos.	loading 1,5x300kg=450kg, 70sek. 1000 cycles, 300kg
17	V/I. Measur.	Portable and mobile assistive products	--	N/A	
18	V/I, B 18	Surfaces, corners, edges and protruding parts	Conf.	Pos.	
19	B 19	Hand held assistive products	--	N/A	
20	B 20	Small Parts	Conf.	Pos.	
21	V/I. Measur. EN 60601-1	Stability	--	N/A	
22	B 22, V/I	Forces in soft tissues of the human body	--	N/A	
23	V/I. EN 614-1	Ergonomic principles	--	N/T	The requirements relate to the design process
*) Deformation – 17 mm, Elastic deformation – 17 mm, sustained deformation – 0 mm					
Requirements according to clause	Test method according to clause	Checked characteristics/assemblies/parameters	Real value	Test result	Comments
24	V/I	Requirements for information supplied by the manufacturer			
24.1		General	--	N/T	
24.2		Instructions for use	--	N/T	
24.2.1	V/I	Pre-sale Information			
		a) information on how to obtain the user information in a format appropriate for use by people with visual, reading or cognitive disabilities	--	N/T	
		b) all information shall as far as possible be available in Pictogram	--	N/T	
		c) a description of the intended use and the intended environment;	--	N/T	
		d) maintenance instructions, if applicable;	--	N/T	
		e) if an assistive product is intended to be cleaned, a description of the method and suitable cleaning materials, including precautions needed to avoid corrosion, if applicable;	--	N/T	
		f) if an assistive product is intended to be disinfected, a description of the method and suitable materials, including any precautions needed to avoid corrosion, if applicable;	--	N/T	
		g) the overall dimensions (width, length and height) of the assistive product, expressed in millimetres, and its mass, expressed in kilograms, when it is ready for use and, if applicable, when it is folded or dismantled	--	N/T	
24.2.1	V/I	h) the mass expressed in kilograms if the assistive product can be dismantled or has any removable parts that has a mass which is heavier than 10 kg;	--	N/T	
		i) if the assistive product is supposed to be used in combination with other products, the manufacturer shall state to which products, and how this can be done in a safe way;	--	N/T	
		j) warning about dangerous combinations of devices (e.g. cushions for the prevention of decubitus ulcers often only work on correct seat surface) and combinations of flame resistant and non-flame resistant material;	--	N/T	
		k) a list of accessories, detachable parts and materials that the manufacturer has determined as being intended for use with the assistive product	--	N/T	
		l) if a programmable controller is fitted, information on the method of programming, the competence required to carry out the programming and the effects on performance	--	N/T	
		m) operator control adjustments	--	N/T	
		n) whether and how the assistive product can be folded or dismantled to assist in storage or transport	--	N/T	
		o) instructions regarding transport of the assistive product (e.g. in a car or aeroplane)	--	N/T	
		p) measured sound power level	--	N/T	