

Test Report

Report No.: 677922-2



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Laha/prni/hbs
Order no.: 677922
No. of appendices: 2

Subject: Model: R8654 also covers R8652, R8642 and R8641

Type:	Changing Unit – Free Standing				
Length:	900 mm	Width:	1400 mm	Height:	1169 mm
Materials:	Metal, plastic				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 26-01-2016.

Method: EN 12221-1:2008 + A1:2013 Changing units for domestic use.
Safety requirements.
ISO 17966:2016 Assistive products for personal hygiene that support users – Requirements and test methods section 16.5 Durability (Not accredited)

Period: The testing was carried out from 26-01-2016 to 03-05-2017.

Result: Model R8654, Free Standing fulfils the requirements in of EN 12221-1:2008 + A1:2013 and ISO 17966:2016.

Individual results appear from Appendix 1.

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

Terms: The accredited test was carried out according to DANAK's general conditions see www.danak.dk and according to the General Terms and Conditions regarding Commissioned Work Accepted by the Danish Technological Institute, which apply at the time of signing the agreement. The test is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

Date/place: 03-05-2017, Danish Technological Institute, Wood Technology, Taastrup

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Signature: Test responsible

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Co-signatory



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Test of Model: R8654, Free Standing

EN 12221

Requirements	Clause in test method	Result
4.1 Dimensions	EN 12221-2 + A1:2013 – 5.2	Passed
4.2.1 Wood	EN 12221-2 + A1:2013 – 5.1	N/A
4.2.2 Surfaces and materials	EN 71-3	See attached report
5.1 Holes, gaps and openings	EN 12221-2 + A1:2013 5	
5.1.1 Entrapment of fingers	EN 12221-2 + A1:2013 5.3.1	Passed
5.1.2 Entrapment of limbs	EN 12221-2 + A1:2013 5.3.2	Passed
5.1.3 Entrapment of head, neck and torso		
5.1.3.1 Within the accessibility zone there shall be no hole, gap or opening larger than 65 mm and less than 223 mm when measured in accordance with EN 12221-2:2008+A1:20013, 5.3.3.1	EN 12221-2 + A1:2013 5.3.3.1	Passed
5.1.3.2 Within the area 600 mm above the floor to the accessibility zone, there shall be no hole, gap, or opening accessible in normal use that allows the type 1 head probe to pass completely through unless it also allows the type 2 head probe to pass completely through when tested in accordance with EN 12221-2:2008+A1:20013, 5.3.3.2	EN 12221-2 + A1:2013 5.3.3.2	Passed
5.1.3.3 V-shaped openings	EN 12221-2 + A1:2013 5.3.3.3	Passed
5.1.4 Cords, strings and other narrow fabrics	EN 12221-2 + A1:2013 5.3.4	Passed
5.1.5 Loops	EN 12221-2 + A1:2013 5.3.5	N/A
5.2 Edges and protruding parts	EN 12221-2 + A1:2013 5.3.6	Passed
5.3 Moving parts	EN 12221-2 + A1:2013 5.4	Passed
5.4 Locking and folding mechanisms of the complete unit	EN 12221-2 + A1:2013 5.10.1 – 5.10.2	N/A
5.5 Small detachable components	EN 12221-2 + A1:2013 5.5, 4.10	Passed
5.6 Castors/wheels	EN 12221-2 + A1:2013 5.12	N/A
5.7 Self-tapping screws		Passed
5.8 Stability	EN 12221-2 + A1:2013 5.6	Passed
5.9 Strength	EN 12221-2 + A1:2013 5.7	Passed
5.11 Barriers	EN 12221-2 + A1:2013 5.8	Passed
5.12.1 Impact test	EN 12221-2 + A1:2013 5.9.1	N/A
5.12.2 Drop test	EN 12221-2 + A1:2013 5.9.2	N/A
5.13 Child bath tub	EN 12221-2 + A1:2013 5.11	N/A
6 Plastic packaging	EN 71-1	N/A
7 Instructions for use	EN 12221-1:2008 7a-7n	Passed
8 Marking	EN 12221-1:2008 8a-8d	Passed
9 Purchase information	EN 12221-1:2008 9a-9c	N/A

N/A Not applicable

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Test of Model: R8654, Free Standing

ISO 17966:2016 (Not accredited)

16.5	Durability	
16.5.1	Requirements	
16.5.2	Test methods - Height adjustment	Passed

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Test of Model: Changing Unit, Free Standing

Photo



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EN 71-3



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TEST REPORT

NUMBER: LTR16100006A

APPLICANT: Danish Technological Institute
Gregersensvej 3
Taastrup, 2630
DNK

DATE: 14 October, 2016

For the attention of Helle Schaadt

SAMPLE DESCRIPTION: Changing Unit - 3 samples

REFERENCE / STYLE NO.: Not specified

RETAILER: Not specified

SAMPLE RECEIVED: 03 October, 2016

PURCHASE ORDER: 677922

TEST REQUEST: ^BS EN 71-3: 2013 + A1:2014, EN 71-3:2013 + A1:2014

CONCLUSION: The results of the tests carried out MEET the requirements of the requested Standard.

Tests marked (*) in this report are included in the scope of accreditation of the sub-contractor who performed the test.
Tests marked (†) in this report are not included in our UKAS scope of accreditation.
Tests marked (**) in this report are not included in the scope of accreditation of the sub-contractor who performed the test.
Opinions, interpretations and comments expressed herein are outside the scope of accreditation.

JASMINE BORISSOW
Team Leader
HARDLINES

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TEST REPORT

NUMBER: LTR16100006A

^BS EN 71-3: 2013 + A1:2014, EN 71-3:2013 + A1:2014

Test Method: BS EN 71-3

Sample Identity: White polymercover on clipboard

	Result (ppm)	Detection Limit	Requirement
Category:	3		
Antimony (Sb)	ND	1	560
Arsenic (As)	ND	0.5	47
Barium (Ba)	26.5	10	18750
Cadmium (Cd)	ND	0.1	17
Chromium (Cr)	ND	0.1	-
Lead (Pb)	ND	1	160
Mercury (Hg)	ND	1	94
Selenium (Se)	ND	1	460
Aluminium (Al)	ND	100	70000
Boron (B)	ND	50	15000
Cobalt (Co)	ND	1	130
Copper (Cu)	ND	10	7700
Manganese (Mn)	ND	10	15000
Nickel (Ni)	ND	1	930
Strontium (Sr)	ND	100	56000
Tin (Sn)	ND	10	180000
Zinc (Zn)	ND	100	46000
Chromium (iii)	ND	5	460
Chromium (vi)	ND	0.1	0.2
Organic tin	ND	1.2	12

The results for chromium (III), chromium (VI) and organic tin are based on the overall migration of chromium and tin respectively and specific testing for these chemicals was not carried out (unless confirmation testing is indicated). This is in accordance with Annex I of the standard.

Where sample weights are written above these were less than 100 mg. The migration results for these samples have been calculated as though the sample weight were 100 mg.

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TEST REPORT

NUMBER: LTR16100006A

^BS EN 71-3: 2013 + A1:2014, EN 71-3:2013 + A1:2014

Test Method: BS EN 71-3

Sample Identity: White coating on board

	Result (ppm)	Detection Limit	Requirement
Category:	3		
Antimony (Sb)	ND	1	560
Arsenic (As)	ND	0.5	47
Barium (Ba)	ND	10	18750
Cadmium (Cd)	ND	0.1	17
Chromium (Cr)	ND	0.1	-
Lead (Pb)	ND	1	160
Mercury (Hg)	ND	1	94
Selenium (Se)	ND	1	460
Aluminium (Al)	ND	100	70000
Boron (B)	ND	50	15000
Cobalt (Co)	ND	1	130
Copper (Cu)	ND	10	7700
Manganese (Mn)	ND	10	15000
Nickel (Ni)	ND	1	930
Strontium (Sr)	ND	100	56000
Tin (Sn)	ND	10	180000
Zinc (Zn)	ND	100	46000
Chromium (iii)	ND	5	460
Chromium (vi)	ND	0.1	0.2
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NUMBER: LTR16100006A

^BS EN 71-3: 2013 + A1:2014, EN 71-3:2013 + A1:2014

Test Method: BS EN 71-3

Sample Identity: White paint on metal grid

	Result (ppm)	Detection Limit	Requirement
Category:	3		
Antimony (Sb)	ND	1	560
Arsenic (As)	ND	0.5	47
Barium (Ba)	430.6	10	18750
Cadmium (Cd)	ND	0.1	17
Chromium (Cr)	ND	0.1	-
Lead (Pb)	ND	1	160
Mercury (Hg)	ND	1	94
Selenium (Se)	ND	1	460
Aluminium (Al)	ND	100	70000
Boron (B)	ND	50	15000
Cobalt (Co)	ND	1	130
Copper (Cu)	ND	10	7700
Manganese (Mn)	ND	10	15000
Nickel (Ni)	ND	1	930
Strontium (Sr)	ND	100	56000
Tin (Sn)	ND	10	180000
Zinc (Zn)	ND	100	46000
Chromium (iii)	ND	5	460
Chromium (vi)	ND	0.1	0.2
Organic tin	ND	1.2	12

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