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# Child use and care articles - Changing units for domestic use

## Part 2: Test methods

ICS 97.190

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This British Standard is the UK implementation of EN 12221-2:2008+A1:2013. It supersedes BS EN 12221-2:2008 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

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A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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## Child use and care articles - Changing units for domestic use - Part 2: Test methods

Articles de puériculture - Dispositifs à langer à usage  
domestique - Partie 2: Méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Wickeleinrichtungen  
für den Hausgebrauch - Teil 2: Prüfverfahren

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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<b>Contents</b>		Page
Foreword .....		4
1 Scope .....		5
2 Normative references .....		5
3 General test conditions.....		5
3.1 Preliminary preparation .....		5
3.2 Application of forces.....		5
3.3 Tolerances .....		5
3.4 Test sequence.....		6
4 Test equipment .....		6
4.1 General .....		6
4.2 Measuring cones .....		6
4.3 Finger probes.....		6
4.4 Test cylinder.....		7
4.5 Test floor for floor standing units.....		7
4.6 Test wall for wall mounted units .....		7
4.7 Test base for bath mounted units.....		7
4.8 Stops.....		7
4.9 Test mass .....		7
4.10 Small parts cylinder .....		7
4.11 Test beam .....		8
4.12 Measuring rods for test beam .....		8
4.13 Tube .....		8
4.14 Steel ball .....		8
4.15 Side impacter .....		9
4.16 Child's head probes .....		10
4.16.1 Head probe 1.....		10
4.16.2 Head probe 2.....		10
4.17 Loading pad .....		11
5 Test procedure.....		11
5.1 Assembly and inspection before test.....		11
5.2 Measurement of changing area .....		11
5.2.1 Measurement of width.....		11
5.2.2 Measurement of the length.....		12
5.3 Measurement of gaps, holes and openings.....		12
5.3.1 Finger entrapment .....		12
5.3.2 Limb entrapment .....		12
5.3.3 Entrapment of head, neck and torso .....		12
5.3.4 Cords, strings and other narrow fabrics .....		12
5.3.5 Loops .....		12
5.3.6 Edges and protruding parts .....		12
5.4 Moving parts .....		13
5.5 Small detachable components.....		13
5.6 Stability.....		13
5.6.1 General .....		13
5.6.2 Stability of floor standing changing units .....		14
5.6.3 Stability of bathtub mounted changing units .....		15
5.7 Strength.....		17
5.8 Barriers .....		17
5.9 Changing board flap.....		18

This is a preview of "BS EN 12221-2:2008+A...". [Click here to purchase the full version from the ANSI store.](#)

<b>5.9.1</b>	<b>Impact test</b> .....	<b>18</b>
<b>5.9.2</b>	<b>Drop test</b> .....	<b>19</b>
<b>5.10</b>	<b>Locking and folding of the complete unit</b> .....	<b>19</b>
<b>5.11</b>	<b>Child bathtub</b> .....	<b>19</b>
<b>5.11.1</b>	<b>Static strength</b> .....	<b>19</b>
<b>5.11.2</b>	<b>Thermal test</b> .....	<b>19</b>
<b>5.11.3</b>	<b>Child bathtub impact test</b> .....	<b>20</b>
<b>5.12</b>	<b>Castors and/or wheels</b> .....	<b>20</b>
<b>6</b>	<b>Test report</b> .....	<b>20</b>

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## Foreword

This document (EN 12221-2:2008+A1:2013) has been jointly prepared by Technical Committee CEN/TC 252 "Child use and care articles", the secretariat of which is held by AFNOR.



This document has been jointly prepared in collaboration with CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2014, and conflicting national standards shall be withdrawn at the latest by February 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes  EN 12221-2:2008 .

This document includes Amendment 1 approved by CEN on 2013-07-08.

The start and finish of text introduced or altered by amendment is indicated in the text by tags  .

This European Standard is one part of the series of standards of EN 12221 "Changing units for domestic use" consisting of the following parts:

- Part 1: Safety requirements
- Part 2: Test methods

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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## 1 Scope

This part of EN 12221 specifies test methods that assess the safety of changing units.

It should be noted that the effect of ageing and degradation of materials is not included.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12221-1:2008+A1:2013, *Child use and care articles – Changing units for domestic use – Part 1: Safety requirements*

ISO 7619-2, *Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 2: IRHD pocket meter method*

## 3 General test conditions

### 3.1 Preliminary preparation

The sample for testing shall be stored in indoor ambient conditions for at least one week immediately prior to testing – any variations from this procedure shall be justified in the report.

Before testing, any fabrics used shall be cleaned or washed and dried twice following the manufacturer's instructions.

The test shall be carried out in indoor ambient conditions, but if during a test the atmosphere temperature is outside the range 15 °C or above 25 °C, the maximum and/or minimum temperature shall be recorded in the test report.

The changing unit shall be tested as delivered. If of knock-down type, it shall be assembled according to the instructions supplied with the unit. If the changing unit can be assembled or combined in different ways, the most onerous combinations shall be used for each test.

All fittings shall be tightened in accordance with the manufacturer's instructions and shall not be retightened throughout the test procedure.

### 3.2 Application of forces

The forces in the static load tests shall be applied sufficiently slowly to ensure that negligible dynamic force is applied.

The forces in the durability tests shall be applied at a rate to ensure that excessive heating does not occur.

### 3.3 Tolerances

Unless otherwise stated, the following tolerances apply:

Forces:  $\pm 5\%$  of the nominal force;

Masses:  $\pm 0,5\%$  of the nominal mass;