



**SLOVENSKI STANDARD**  
**SIST EN 1888:2003/A2:2006**

**01-februar-2006**

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Child care articles - Wheeled child conveyances - Safety requirements and test methods

Child care articles - Wheeled child conveyances - Safety requirements and test methods

Artikel für Säuglinge und Kleinkinder - Transportmittel auf Rädern für Kinder -  
Sicherheitstechnische Anforderungen und Prüfungen

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Articles de puériculture - Voitures d'enfant - Exigences de sécurité et méthodes d'essai

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Ta slovenski standard je istoveten z: **EN 1888:2003/A2:2005**

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**ICS:**

97.190

Otroška oprema

Equipment for children

**SIST EN 1888:2003/A2:2006**

**en,fr,de**

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EUROPEAN STANDARD

**EN 1888:2003/A2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2005

ICS 97.190

English Version

## Child care articles - Wheeled child conveyances - Safety requirements and test methods

Articles de puériculture - Voitures d'enfant - Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Transportmittel auf Rädern für Kinder - Sicherheitstechnische Anforderungen und Prüfungen

This amendment A2 modifies the European Standard EN 1888:2003; it was approved by CEN on 1 July 2005.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

**EN 1888:2003/A2:2005 (E)****Foreword**

This document (EN 1888:2003/A2:2005) has been prepared by Technical Committee CEN/TC 252 "Child use and care articles", the secretariat of which is held by AFNOR.

This Amendment to the European Standard EN 1888:2003 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

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

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Add the following Introduction:

## Introduction

The requirements set in this standard may not cover additional hazards associated with intensive use (for example running, skating, jogging, use with children over 15 kg...).

## 2 Normative references

Add the following normative reference:

ECE 44 regulation, *United Nations - Agreement concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions. Addendum 43: Regulation no. 44 - Uniform provisions concerning the approval of restraining devices for child occupants of power-driven vehicles ("child restraints system")*

## 3 Terms and definitions

### 3.9

#### access zone

Add the following sentence:

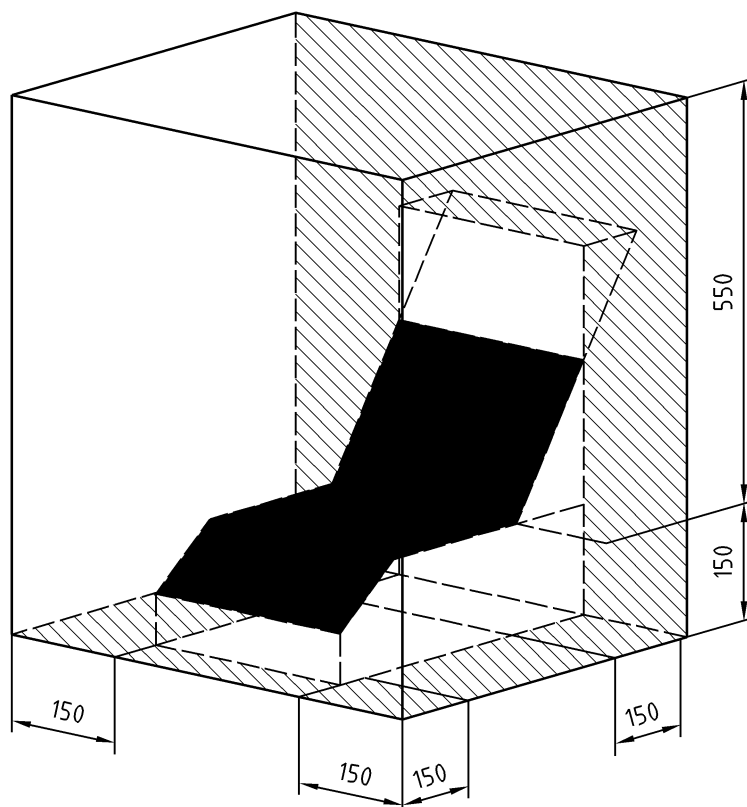
For vehicles designed only for children under 6 months, pram bodies with a maximum internal length of 800 mm, and for group O/O+ car seats, the access zone is considered to be only the inner upper surface that supports the child

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First part of Figure 1 changed as follows



**EN 1888:2003/A2:2005 (E)**

Add the following definitions:

**3.19****braking device**

device to reduce the speed of the vehicle

**3.20****platform**

integral part of the vehicle designed to support an additional child in a standing position

**4.1 Samples**

Add the following paragraphs:

Unless otherwise specified, the combination pushchairs shall fulfil all the requirements set in this standard. The combination with a car seat may be tested on a separate sample.

Car seats shall comply with the ECE 44 regulation. Requirements of 6.1.2 for group 0 and group 0<sup>+</sup> car seats themselves shall be considered within the access zone defined in 3.9.

For the purpose of this standard, the car seat is considered as a seat unit.

**4.4 Tolerances and test conditions**

Add a third paragraph as follows:

For vehicles fitted with inflatable tyres, the tyre pressure shall be adjusted according to manufacturer's instructions for use.

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**4.5.2 Test masses**

Add:

**4.5.2.7 Test mass E**

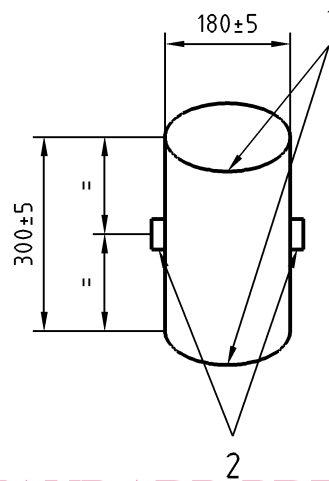
A 230 mm diameter bag filled with sand with a total mass of 15 kg (if the maximum recommended weight specified by the manufacturer is greater than 15 kg then this specified maximum weight shall be used).

NOTE 1,45 g/cm<sup>3</sup> sand can be used.

#### 4.5.2.8 Test mass F

Test mass F is a rigid cylinder ( $180 \pm 5$ ) mm in diameter and ( $300 \pm 5$ ) mm in height, having a mass of  $(13_0^{+0,01})$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of  $(5 \pm 1)$  mm. Two anchorage points shall be provided. These shall be positioned ( $150 \pm 2,5$ ) mm from the base and at  $180^\circ$  to each other around the circumference (see Figure 4.5.2.8).

Dimensions in millimetres



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#### Key

- 1 Radius ( $5 \pm 1$ ) mm
- 2 Anchorage points

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Figure 4.5.2.8 - Test mass F

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## 4.5.2.9 Test mass G

Test mass G is made of two equal parts with dimensions and tolerances as described in Figure 4.5.2.9, having a mass of 10 kg each and with their centre of gravity at 675 mm from the bottom. The tolerance of the weight depends on the tolerances on the other measurements.

Dimensions in millimetres

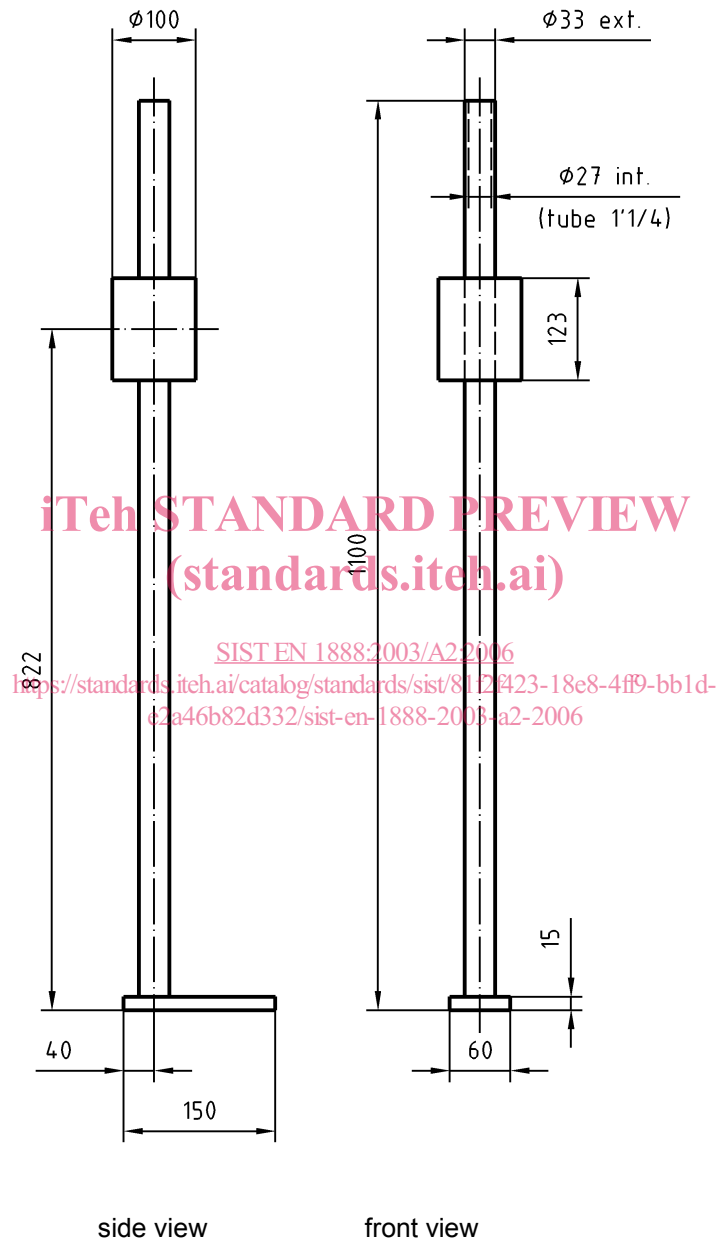


Figure 4.5.2.9 – Test mass G

The distance apart has to be adjusted in accordance with the shape and dimensions of the platform that is tested.

The mass of the connecting bar is negligible.

The dimensions are in millimetres and the tolerances are (-0,0 / +1,0).

The test mass shall be made of steel.



## 6 Construction

Add the following sentence at the end of 6.1.2.1:

Paragraph 6.1.2.1 b) on foot entrapment requirement applies to the platform and between the upper surface of the platform and the chassis.

### 6.2.3.1 Requirements

*add:* b) any seat unit conforming to the requirement of pram body, or where the angle between the backrest and the seat (angle  $\alpha$  in figure 9) is capable of adjustment to an angle of 150° or more measured according to 6.2.3.2 and equipped with an integral restraint system adjustable to the size from birth and complying to clause 15.

### 6.3.3 Modify the title as follows: Inadvertent release of the pram body or seat unit

Replace the text by the following:

Inadvertent release is avoided when the weight of the child acts against the detachment of the pram body or seat unit and the attachment of the pram body or seat unit fulfils one of the following requirements :

- a) a minimum force of 50 N is required to release the attachment device attaching the pram body or seat unit to the chassis or,
- b) at least 2 consecutive actions are required to release the pram body or seat unit or to release the attachment device, the first of which shall be maintained while the second is carried out or,
- c) at least 2 independent simultaneous actions are required to release the pram body or seat unit or the attachment device ;
- d) more than two independent actions are required to release the pram body or seat unit.

The requirement is checked by using the relevant mass in the product.

## 7 Stability

### 7.1 Requirements

Add the following sentence at the end of the sub-clause:

Vehicles fitted with a platform shall not tip over when tested in accordance with 7.2.2.6.

#### 7.2.2.1 Positioning of the vehicle

Replace the term "platform" by "test surface".

Add the following second and third paragraphs:

For wheeled child conveyances with triangular shaped chassis, the positioning of the vehicle for testing the sideway stability shall be as follows:

Place the vehicle on the test surface inclined to an angle of 12° to the horizontal without the parking device applied. The line through the points of contact of the front wheel and the lowest rear wheel shall be perpendicular to the slope. The stops shall be positioned as indicated in Figure 7.2.2.1.