



**Irish Standard**  
**I.S. EN 14344:2022**

**Version 2.00**

## Child care articles - Child seats for cycles - Safety requirements and test methods

## I.S. EN 14344:2022 V2.00

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## **National Foreword**

I.S. EN 14344:2022 V2.00 is the version of the NSAI adopted European document EN 14344:2022, *Child care articles - Child seats for cycles - Safety requirements and test methods*, including any Corrections, Amendments etc. to EN 14344:2022.

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EUROPEAN STANDARD

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## Child care articles - Child seats for cycles - Safety requirements and test methods

Articles de puériculture - Sièges enfants pour bicyclettes - Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Kindersitze für Fahrräder - Sicherheitstechnische Anforderungen und Prüfverfahren

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## **European foreword**

This document (EN 14344:2022) has been prepared by Technical Committee CEN/TC 252 “Child care articles”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by December 2022, and conflicting national standards shall be withdrawn at the latest by December 2022.

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

This document supersedes EN 14344:2004.

In comparison with the previous edition, the following significant changes have been made:

- complete review of the standard in a hazard-based format;
- alignment with the common practices applied in other technical groups of CEN/TC 252 (hazards from gaps and openings – finger entrapment, entanglement hazards...);
- definition of a new protected volume;
- inclusion of specific requirements for specific seats with a reclining function;
- improvement of the measuring device;
- introduction of a new test method for the protection for feet;
- introduction of a new test method for footrest adjustment;
- introduction of a new test method for the measurement of the angle of the backrest.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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



## 1 Scope

This document specifies requirements for child seats intended to be mounted on cycles and electrical power assisted cycles with a cut off speed of up to 25 km/h (i.e. according to EN 15194), their attachment system and accessories intended to be attached to the seat in order to transport children with a weight from 9 kg up to 22 kg and who are capable of sitting unaided.

NOTE 1 Some European countries have special legislation for child seats for cycles. Compliance with this document might not meet this legislation.

NOTE 2 Where a child seat or any part of the child seat has several functions or can be converted into another function, other relevant standards might be applicable.

NOTE 3 Additional rationales are presented in Annex E for inclusion of some of the requirements given in this document.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 71-1:2014+A1:2018, *Safety of toys — Part 1: Mechanical and physical properties*

EN 71-2:2020, *Safety of toys — Part 2: Flammability*

EN 71-3:2019+A1:2021, *Safety of toys — Part 3: Migration of certain elements*

EN ISO 11243:2016, *Cycles — Luggage carriers for bicycles — Requirements and test methods (ISO 11243:2016)*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1

#### **seat**

child seat intended to be mounted on a cycle

### 3.2

#### **front seat**

child *seat* intended to be mounted on a cycle in front of the rider (between handlebar of the cycle and rider)

### 3.3

#### **rear seat**

child *seat* intended to be mounted on a cycle behind the rider

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