

STN	Bezpečnosť kolotočov a zábavných zariadení Časť 3: Požiadavky na kontrolu pri navrhovaní, výrobe, prevádzke a používaní	STN EN 13814-3+A1
		55 1001

Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/24

Obsahuje: EN 13814-3:2019+A1:2024

Oznámením tejto normy sa od 31.07.2027 ruší
STN EN 13814-3 (55 1001) z novembra 2019

139335

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13814-3:2019+A1

July 2024

ICS 97.200.40

Supersedes EN 13814-3:2019

English Version

Safety of amusement rides and amusement devices -
Part 3: Requirements for inspection during design,
manufacture, operation and use

Sécurité des manèges et des dispositifs de
divertissement - Partie 3 : Exigences relatives à
l'inspection pendant la conception, fabrication et
fonctionnement

Sicherheit von Fahrgeschäften und
Vergnügungsanlagen - Teil 3: Anforderungen an die
Überprüfung während Konstruktion, Bemessung,
Herstellung, Betrieb und Gebrauch

This European Standard was approved by CEN on 13 May 2018 and includes Amendment 1 approved by CEN on 7 June 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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, Türkiye and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 13814-3:2019+A1:2024 (E)**Contents**

	Page
European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definition	4
4 Requirements	4
4.1 Initial approval - Procedures.....	4
4.1.1 General.....	4
4.1.2 Review of design documents.....	5
4.1.3 Inspection of manufacturing process	5
4.2 Pre-use inspection and review – Procedures.....	7
4.3 In-service inspection (periodical test)	7
4.3.1 General.....	7
4.3.2 Inspection process.....	8
4.3.3 Electrical equipment.....	9
Bibliography.....	10

European foreword

This document (EN 13814-3:2019+A1:2024) has been prepared by Technical Committee CEN/TC 152 "Fairground and amusement park machinery and structures - Safety", 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 January 2025, and conflicting national standards shall be withdrawn at the latest by July 2027.

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 includes Amendment 1 approved by CEN on 7 June 2024.

This document **[A]** supersedes EN 13814-3:2019 **[A]**.

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

EN 13814 consists of the following parts, under the general title "Safety of amusement rides and amusement devices"

- *Part 1: Design and Manufacture*
- *Part 2: Operation, Maintenance and Use*
- *Part 3: Requirements for inspection during design, manufacture, operation and use*

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 13814-3:2019+A1:2024 (E)

1 Scope

This part of EN 13814 defines requirements for the necessary independent inspections of amusement devices designed, manufactured, operated and used according to EN 13814-1:2019 and EN 13814-2:2019.

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 13814-1:2019, *Safety of amusement rides and amusement devices — Part 1: Design and manufacture*

EN 13814-2:2019, *Safety of amusement rides and amusement devices — Part 2: Operation, maintenance and use*

EN 60204-1, *Safety of machinery - Electrical equipment of machines - Part 1: General requirements*

EN ISO 9712, *Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2012)*

EN ISO/IEC 17020, *Conformity assessment — Requirements for the operation of various types of bodies performing inspection (ISO/IEC 17020)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN