

DIN EN 13814-2



ICS 97.200.40

Together with DIN EN
13814-1:2019-11 and
DIN EN 13814-3:2019-11
supersedes
DIN EN 13814:2005-06

**Safety of amusement rides and amusement devices –
Part 2: Operation, maintenance and use;
English version EN 13814-2:2019,
English translation of DIN EN 13814-2:2019-11**

Sicherheit von Fahrgeschäften und Vergnügungsanlagen –
Teil 2: Betrieb, Instandhaltung und Gebrauch;
Englische Fassung EN 13814-2:2019,
Englische Übersetzung von DIN EN 13814-2:2019-11

Sécurité des manèges et des dispositifs de divertissement –
Partie 2: Installation, maintenance et exploitation;
Version anglaise EN 13814-2:2019,
Traduction anglaise de DIN EN 13814-2:2019-11

Document comprises 39 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 13814-2:2019) has been prepared by Technical Committee CEN/TC 152 “Fairground and amusement park machinery and structures — Safety” (Secretariat: UNI, Italy).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-11-15 AA “Temporary structures, fairground and amusement park machinery and structures, safety (national mirror committee for CEN/TC 152 and ISO/TC 254)”.

This document (together with Part 1 and Part 3) will supersede DIN EN 13814:2005-06.

Amendments

This standard differs from DIN EN 13814:2005-06 as follows:

- a) within the framework of revision, the standard has been subdivided into three separate parts (Part 1: Design and manufacture; Part 2: Operation, maintenance and use, and Part 3: Requirements for inspection during design, manufacture, operation and use);
- b) the standard has been revised in form and substance.

Previous editions

DIN 4112: 1938x-05, 1960-03, 1983-02
DIN 4112 Supplement: 1962-10
DIN EN 13814: 2005-06

English Version

Safety of amusement rides and amusement devices - Part 2: Operation, maintenance and use

Sécurité des manèges et des dispositifs de
divertissement - Partie 2: Installation, maintenance et
exploitation

Sicherheit von Fahrgeschäften und
Vergnügungsanlagen - Teil 2: Betrieb,
Instandhaltung und Gebrauch

This European Standard was approved by CEN on 13 May 2018.

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, 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 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

Contents

Page

European foreword	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Operation, maintenance and use of amusement rides and amusement devices.....	11
4.1 General.....	11
4.2 Standard documentation	11
4.3 Responsibilities of the controller	11
4.3.1 General.....	11
4.3.2 Selection and training of staff.....	12
4.3.3 Assembly disassembly	12
4.3.4 Care of equipment	15
4.3.5 Trial operations and checks.....	18
4.3.6 Operation	19
4.3.7 Duties for the supervision of the operation	20
4.3.8 Servicing (maintenance, repair and modification)	21
4.4 Duties of the amusement device operator.....	23
4.4.1 General.....	23
4.4.2 General requirements	24
4.4.3 Safe operation	24
4.5 Duties of the attendant	25
4.6 Independent inspection.....	26
4.6.1 In-service inspection	26
4.6.2 Reports	26
4.7 Emergency situations.....	26
4.7.1 General.....	26
4.7.2 Means of evacuation and escape	26
4.7.3 Fire	27
Annex A (informative) Training, qualification and experience for competent persons	29
Annex B (informative) Provisions prior to use	30
B.1 General.....	30
B.2 Operation Authorization or Permit.....	30
B.3 Competence.....	30
B.4 Operation authorization or permit for used and imported amusement devices	30
B.4.1 Procedure	30
B.4.2 Transfer.....	30
B.5 Prolongation and Transfer of the Operation Authorization or Permit.....	31
B.6 Reports for the prolongation of an operation authorization or permit	31
B.7 Testing	31