სსტ ენ 81-20:2020/2021

საქართველოს სტანდარტი

სსკ: 91.140.90

უსაფრთხოების წესები ლიფტების კონსტრუქციისა და დაყენებისადმი - ლიფტები ადამიანისა და ტვირთის ტრანსპორტირებისათვის -ნაწილი 20: სამგზავრო და ტვირთის გადასატანი ლიფტები

სსტ ენ 81-20:2020/2021

საინფორმაციო მონაცემები

1 **მიღებულია და დაშვებულია სამოქმედოდ:** სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს გენერალური დირექტორის 24/05/2021 წლის № 31 განკარგულებით

2 **მიღებულია „თავფურცლის“ თარგმნის მეთოდით:** სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 81-20:2020 „ უსაფრთხოების წესები ლიფტების კონსტრუქციისა და დაყენებისადმი - ლიფტები ადამიანისა და ტვირთის ტრანსპორტირებისათვის -ნაწილი 20: სამგზავრო და ტვირთის გადასატანი ლიფტები”

3 **პირველად**

4 **რეგისტრირებულია:** სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 24/05/2021 წლის №268-1.3-020261

EUROPEAN STANDARD

NORME EUROPÉENNE

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EN 81-20

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ICS 91.140.90

Supersedes EN 81-20:2014

English Version

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts

Règles de sécurité pour la construction et l'installation des élévateurs - Élévateurs pour le transport de personnes et d'objets - Partie 20 : Ascenseurs et ascenseurs de charge

Sicherheitsregeln für die Konstruktion und den Einbau von Aufzügen - Aufzüge für den Personen- und Gütertransport - Teil 20: Personen- und Lastenaufzüge

This European Standard was approved by CEN on 1 December 2019.

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.

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

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Ref. No. EN 81-20:2020 E

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European foreword

This document (EN 81-20:2020) has been prepared by Technical Committee CEN/TC 10 “Lifts, escalators and moving walks”, 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 August 2020, and conflicting national standards shall be withdrawn at the latest by February 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 81-20:2014.

This document is a revision of EN 81-20:2014. Significant changes made are as follows:

— All externally referenced standards have now been dated.

— A new Annex ZA has been developed in order to be aligned with the requirements of the EU Commission Standardization Request “M/549 C(2016) 5884 final”.

No technical changes have been made during this revision.

This standard is the culmination of the progressive development of the EN standards for lifts. Previous versions of the EN 81-1 and EN 81-2 standards incorporated into EN 81-20:2020 and EN 81-50:2020 include:

— EN 81-1:1985, Safety rules for electric lifts

— EN 81-1:1998, Safety rules for electric lifts

— EN 81-1:1998, Corrigendum No 1:1999;

— EN 81-1:1998/A1:2005, incorporating programmable electronic system in safety related applications for lifts;

— EN 81-1:1998/A2:2004, incorporating machine-room-less lifts;

— EN 81-1:1998+A3:2009, Incorporating unintended car movement with open doors;

— EN 81-2:1987, Safety rules for hydraulic lifts

— EN 81-2:1998, Safety rules for hydraulic lifts

— EN 81-2:1998, Corrigendum No 1:1999;

— EN 81-2:1998/A1:2005, incorporating programmable electronic system in safety related applications for lifts;

— EN 81-2:1998/A2:2004, incorporating machine-room-less lifts;

— EN 81-2:1998+A3:2009, incorporating unintended car movement with open doors.

This document is part of a series of standards giving safety rules for the construction and installation of lifts which are listed below.

Standard	Use
EN 81-21	Provides alternative technical requirements to those given in EN 81-20 to overcome certain specific problems encountered when installing lifts into existing buildings
EN 81-28	Provides the requirements for the alarm systems to be used on passenger carrying lifts to enable trapped persons to contact a rescue service.
EN 81-50	Used in conjunction with EN 81-20 to provide rules for type testing of safety related components and calculation methodology.
EN 81-58	Provides a unified method of testing the fire resistance of lift landing doors
EN 81-70	Provides additional requirements to EN 81-20 for accessible passenger lifts
EN 81-71	Provides additional requirements to EN 81-20 for vandal resistant lifts
EN 81-72	Provides additional requirements to EN 81-20 for lifts used by fire fighters
EN 81-73	Provides additional requirements to EN 81-20 for lifts used in the evacuation of disabled persons from buildings.
EN 81-77	Provides additional requirements to EN 81-20 for lifts subject to seismic conditions
EN 12015	Provides additional requirements to EN 81-20 for electromagnetic compatibility emissions
EN 12016	Provides additional requirements to EN 81-20 for electromagnetic compatibility immunity
EN 13015	Gives rules for the drafting of maintenance manuals to accompany lifts.

In addition CEN TR 81-10 gives information with regard to the structure of the EN 81 series of standards.

This document has been prepared under a mandate 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.

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.