

## საქართველოს სტანდარტი

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უსაფრთხოების მოთხოვნები მისასვლელ მოწყობილობასთან-გამოთვლები,  
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საქართველოს სტანდარტებისა და მეტროლოგიის  
ეროვნული სააგენტო  
თბილისი

# სსტ ენ 1808:2015/2019

## საინფორმაციო მონაცემები

1 შემუშავებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს სტანდარტების დეპარტამენტის მიერ

2 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს 2019 წლის 6 დეკემბრის № 98 განკარგულებით

3 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 1808:2015 „უსაფრთხოების მოთხოვნები მისასვლელ მოწყობილობასთან-გამოთვლები, სტაბილურობის კრიტერიუმები, კონსტრუქციები-გამოთვლები და გამოცდები“

### 4 პირველად

5 რეგისტრირებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2019 წლის 6 დეკემბერი №268-1.3-016595

დაუმუშავებელია წინამდებარე სტანდარტის სრული ან ნაწილობრივი კვლავწარმოება, ტირაჟირება და გავრცელება სსიპ საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს ნებართვის გარეშე

English Version

## Safety requirements for suspended access equipment - Design calculations, stability criteria, construction - Examinations and tests

Exigences de sécurité des plates-formes suspendues à niveau variable - Calculs, stabilité, construction - Examen et essais

Sicherheitsanforderungen an hängende Personenaufnahmemittel - Berechnung, Standsicherheit, Bau - Prüfungen

This European Standard was approved by CEN on 10 February 2015.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

## Foreword

This document (EN 1808:2015) has been prepared by Technical Committee CEN/TC 98 “Lifting platforms”, the secretariat of which is held by DIN.

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 October 2015 and conflicting national standards shall be withdrawn at the latest by October 2015.

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

This document supersedes EN 1808:1999+A1:2010.

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.

This document also includes information that building designers, structural engineers and contractors need to consider before specific suspended access equipment (SAE) manufacturers/suppliers are appointed.

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## Introduction

This European Standard is a type C standard as stated in EN ISO 12100.

The machinery concerned and the extent to which hazards are covered are indicated in the scope of this standard.

It is assumed that:

- a) discussions take place between the manufacturer/supplier and purchaser/hirer about specific local installation conditions and expected duty;
- b) a risk analysis for each component that might be incorporated into a complete SAE installation has been made and rules have been drawn up;
- c) the safety requirements of this standard have been drawn up on the basis that the components are:
  - 1) designed in accordance with good engineering practice and calculation codes, including all failure modes;
  - 2) of sound mechanical and electrical construction;
  - 3) made of materials with adequate strength and of suitable quality;
  - 4) free of visible defects;
- d) harmful materials such as asbestos are not used;
- e) the equipment is maintained in good working order;
- f) any mechanical device manufactured in accordance with good practice and the requirements of this standard shall not be allowed to deteriorate to the point of creating a hazard without being detected;
- g) the working ambient temperature range is between  $-10\text{ }^{\circ}\text{C}$  and  $+55\text{ }^{\circ}\text{C}$ ;
- h) the structure on which the SAE is installed is of adequate strength to resist the expected imposed loads.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards, for machines that have been designed and built in accordance with the provisions of this type C standard.