

საქართველოს სტანდარტი

მუდმივი დატვირთვა-გადმოტვირთვის მოწყობილობა და სისტემები-
უსაფრთხოება და ელექტრო მაგნიტური თავსებადობის მოთხოვნები
მოწყობილობებისათვის ნივთიერების მასების აკუმულირებისათვის
სასილოსეორმოებში, ბუნკერებში, სანაგვეყუთებსა და ურნებში

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

სსტ ენ 617 : 2001+A1:2010/2015

საინფორმაციო მონაცემები

1 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს 2015 წლის 27 ოქტომბრის № 69 და 2015 წლის 09 ივლისის № 46 განკარგულებებით

2 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 617 : 2001+A1:2010 „მუდმივი დატვირთვა-გადმოტვირთვის მოწყობილობა და სისტემები-უსაფრთხოება და ელექტრო მაგნიტური თავსებადობის მოთხოვნები მოწყობილობებისათვის ნივთიერების მასების აკუმულირებისათვის სასილოსეორმოებში, ბუნკერებში, სანაგვეყუთებსა და ურნებში“

3 პირველად

4 რეგისტრირებულია საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2015 წლის 27 ოქტომბერი №268-1.3-8027

აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

English Version

Continuous handling equipment and systems - Safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers

Equipements et systèmes de manutention continue -
Prescriptions de sécurité et de CEM pour les équipements
de stockage des produits en vrac en silos, soutes,
réservoirs et trémies

Stetigförderer und Systeme - Sicherheits- und EMV-
Anforderungen an Einrichtungen für die Lagerung von
Schüttgütern in Silos, Bunkern, Vorratsbehältern und
Trichtern

This European Standard was approved by CEN on 4 June 2001 and includes Amendment 1 approved by CEN on 9 November 2010.

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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საინფორმაციო ნაწილი. სრული ტექსტის სახანავედ შეიძინეთ სტანდარტი.

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Foreword

This document (EN 617:2001+A1:2010) has been prepared by Technical Committee CEN/TC 148 "Continuous handling equipment and systems - Safety", 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 June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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 includes Amendment 1, approved by CEN on 2010-11-09.

This document supersedes EN 617:2001.

The start and finish of text introduced or altered by amendment is indicated in the text by tags \square_{A1} \square_{A1} .

This European Standard 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 Annexes ZA and ZB, which are integral parts of this standard.

\square_{A1} *deleted text* \square_{A1}

This \square_{A1} standard \square_{A1} forms part of a series of five \square_{A1} standards \square_{A1} the titles of which are given below:

- EN 617, *Continuous handling equipment and systems — Safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers*
- \square_{A1} EN 618 \square_{A1} , *Continuous handling equipment and systems — Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors*
- \square_{A1} EN 619 \square_{A1} , *Continuous handling equipment and systems — Safety and EMC requirements for equipment for mechanical handling of unit loads*
- EN 620, *Continuous handling equipment and systems — Safety and EMC requirements for fixed belt conveyors for bulk material*
- EN 741, *Continuous handling equipment and systems — Safety requirements for systems and their components for pneumatic handling of bulk materials*

\square_{A1} *deleted text* \square_{A1}

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

This European Standard is a type C standard as stated in EN 1070.

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

While producing this standard it was assumed that:

- only competent persons operate the system;
- components without specific requirements are:
 - a) designed in accordance with the usual engineering practice and calculation codes, including all failure modes (see also Bibliography and annex B);
 - b) of sound mechanical and electrical construction;
 - c) made of materials with adequate strength and of suitable quality;
 - d) made of materials free of defects.
- harmful materials, such as asbestos are not used as part of the machine;
- components are kept in good repair and working order, so that required characteristics remain despite wear;
- by design of the load bearing elements, a safe operation of the system is assured for loading ranging from zero to 100 % of the rated possibilities and during the tests;
- to ensure the correct function of the equipment the ambient temperature is maintained between -5 °C to + 50 °C;
- negotiation occurred between the manufacturer¹⁾ and the user concerning particular conditions for the use and places of use for the machinery related to health and safety;
- the place of installation allows a safe use of the machine.

1) "manufacturer" within the European Union is to be understood as intended in the Machinery Directive.