

საქართველოს სტანდარტი

ზამთრის მომსახურე მანქანები-უსაფრთხოების მოთხოვნები

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ეროვნული სააგენტო
თბილისი

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

English Version

Winter service machines - Safety requirements

Machines pour le service hivernal - Prescriptions de
sécurité

Maschinen für den Winterdienst - Sicherheitsanforderungen

This European Standard was approved by CEN on 21 November 2002 and includes Amendment 1 approved by CEN on 9 November 2008.

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 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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 13021:2003+A1:2008) has been prepared by Technical Committee CEN/TC 151 "Construction equipment and building material machines - Safety", 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of an identical text or by endorsement, at the latest by June 2009, and conflicting national standards shall be withdrawn at the latest by December 2009.

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).

This document includes Amendment 1, approved by CEN on 2008-11-09.

This document supersedes EN 13021:2003.

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{A_1}$ $\boxed{A_1}$.

$\boxed{A_1}$ For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. $\boxed{A_1}$

Annex A is informative and contains "Terminology", annex B is informative and shows a "Truck attachment plate", annex C is normative and contains "safety guards on winter service machines" and annex D is normative and contains "Warning sign — Warning of danger ahead".

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, 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.

საინფორმაციო ნაწილი. სრული ტექსტის სახსრად შეიძლება სტანდარტი.

Introduction

This European Standard is a Type C-standard as stated in ^{A1} EN ISO 12100 ^{A1}.

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

^{A1} 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 according to the provisions of this type C standard.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this European Standard. ^{A1}

1 Scope

This European Standard applies to winter service machines which are defined in clause 3.

This European Standard deals with all significant hazards (see clause 4) identified through a risk assessment pertinent to winter service machines when they are used as intended and under the conditions foreseen by the manufacturer. This European Standard does not deal with significant hazards associated with ^{A1} *deleted text* ^{A1} EMC.

This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards associated only with machine operation, setting and adjustments, load discharge and routine maintenance.

Winter service machines are normally mounted on carrier vehicles (e.g. trucks, tractors, construction machinery and mobile industrial handling equipment). This European Standard does not cover requirements for the carrier vehicles even where specific modifications have been made to realise the winter service application. These requirements will be handled in directives and standards for the construction of carrier vehicles. The use of winter service machines in public road traffic is governed by national regulations.

This standard does not cover any requirements for demountable bodywork systems (e.g. demountable containers). These requirements are specified in other standards.

This European Standard does not deal with:

- machines or components which are solely designed for clearing rails such as rail sweepers or blowers;
- walker-operated and hand-held winter service machines;
- highway maintenance machines covered by ^{A1} EN 13524 ^{A1}, such as front-mounted sweepers;
- machines for the maintenance of sports grounds;
- machines for agriculture, horticulture and forestry;
- machines intended for use in potentially explosive atmospheres.

This European Standard applies to winter service machines which are manufactured after the date of approval of the standard by CEN.