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Agricultural machinery - Safety - Part 1: General requirements (ISO 4254-1:2013)



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 4254-1:2015 sisaldab Euroopa standardi EN ISO 4254-1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 4254-1:2015 consists of the English text of the European standard EN ISO 4254-1:2015.	
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.	
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 14.10.2015.	Date of Availability of the European standard is 14.10.2015.	
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.	

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile <u>standardiosakond@evs.ee</u>.

ICS 65.060.01

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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EN ISO 4254-1

ICS 65.060.01

Supersedes EN ISO 4254-1:2013

English Version

Agricultural machinery - Safety - Part 1: General requirements (ISO 4254-1:2013)

Matériel agricole - Sécurité - Partie 1: Exigences générales (ISO 4254-1:2013)

Landmaschinen - Sicherheit - Teil 1: Generelle Anforderungen (ISO 4254-1:2013)

This European Standard was approved by CEN on 27 September 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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of ISO 4254-1:2013 has been prepared by Technical Committee ISO/TC 23 "Tractors and machinery for agriculture and forestry" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 4254-1:2015 by Technical Committee CEN/TC 144 "Tractors and machinery for agriculture and forestry", 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 April 2016, and conflicting national standards shall be withdrawn at the latest by April 2016.

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 ISO 4254-1:2013.

This 4th edition cancels and replaces the third edition (EN ISO 4254-1:2013) where the following changes were introduced (compared to EN ISO 4254-1:2009):

- requirements related the protection from moving parts involved in the work have been added in 4.2;
- requirements related to vibration have been added in 4.3;
- requirements related to automatic mode of operation have been added in 4.6;
- requirements related to foldable barriers have been added in 4.9;
- requirements related to operating fluids have been added in 4.15;
- requirements related to emergency stop controls have been added in 4.19;
- requirements related to safety related parts of control systems have been added in 4.20;
- requirements related to roll-over and tip-over hazards have been added in 5.7;
- requirements related to PTO drive shaft guard clearance have been added in 6.4.

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 the Machinery Directive 2006/42/EC. It is intended to be used together with EN 15811: 2014 "Agricultural machinery – Fixed guards and interlocked guards with or without guard locking for moving transmission parts (ISO/TS 28923: 2012 modified)".

For the 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 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.

Endorsement notice

i 150 4254-1. The text of ISO 4254-1:2013 has been approved by CEN as EN ISO 4254-1:2015 without any modification.

Annex ZA

(informative)

Relationship between this European Standard and the Essential Requirements of EU Directive EU Directive 2006/42/EC

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 2006/42/EC on machinery.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive and associated EFTA regulations, except Essential Requirements 1.7.3 and 3.6.2.

NOTE Compliance with EN ISO 4254-1 and a machine-specific part of EN ISO 4254 is required to achieve presumption of conformity with the corresponding Essential Requirements of the Directive and associated EFTA regulations. Conformity with ESR 1.7.4.2 u) 4th paragraph, 2nd sentence (uncertainty of noise measurement) can only be claimed if the relevant machine-specific part of EN ISO 4254 includes specifications of the noise measurement uncertainty.

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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Introduction

This document is a type-C standard as stated in ISO 12100.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this document.

When requirements of this type-C standard are different from those which are stated in type-A or requirements and the second se type-B standards, the requirements of this type-C standard take precedence over the requirements of the other standards for machines that have been designed and built according to the requirements of this type-C standard.