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Irish Standard
I.S. EN 14861:2004+A1:2009

Forest machinery - Self propelled machinery - Safety requirements

I.S. EN 14861:2004+A1:2009

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Forest machinery - Self propelled machinery - Safety requirements

Machines forestières - Machines automotrices -
Prescriptions de sécurité

Forstmaschinen - Selbstfahrer - Sicherheitsanforderungen

This European Standard was approved by CEN on 1 April 2004 and includes Amendment 1 approved by CEN on 15 September 2009.

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Foreword

This document (EN 14861:2004+A1:2009) has been prepared 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of an identical text or by endorsement, at the latest by April 2010, and conflicting national standards shall be withdrawn at the latest by April 2010.

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 2009-09-15.

This document supersedes EN 14861:2004.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

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).

A1 For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. **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, 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.

0 Introduction

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

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

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.

1 Scope

This document deals with all common significant hazards, hazardous situations and events of the following forestry machinery: fellers, bunchers, delimbers, forwarders, log loaders, skidders, processors and harvesters as defined in ISO 6814 and also multi-function versions of these machines, when they are used as intended and under the conditions foreseen by the manufacturer, see Clause 4.

The machines listed can be of the mobile, ride-on or self-propelled type or a combination of these types.

The following significant hazards are excluded:

- thrown objects, that may occur on a particular machine,
- noise,
- vibration.

NOTE Noise clauses including a noise test code will be developed as an amendment to this document.

The use of this document will therefore not alone be sufficient to cover all significant risks for a majority of machines covered by this document.

The list of significant hazards dealt with in this document is given in normative Annex A. This Annex is the list of significant hazards that have been identified as common to the covered mobile, ride-on and self-propelled forestry machines.

It is not applicable to environmental hazards.

This document is not applicable to machines, which are manufactured before the date of publication of this document by CEN.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 294:1992, *Safety of machinery – Safety distance to prevent danger zones being reached by the upper limbs*.

EN 1070:1998, *Safety of machinery – Terminology*.

EN 12643:1997, *Earth-moving machinery – Rubber-tyred machines – Steering requirements*. (ISO 5010:1992, modified).

EN 13510:2000, *Earth-moving machinery – Roll-over protective structures – Laboratory tests and performance requirements* (ISO 3471: 1994).

EN ISO 2860:1999, *Earth-moving machinery – Minimum access dimensions* (ISO 2860:1992).

EN ISO 2867:1998, *Earth-moving machinery – Access systems* (ISO 2867:1994).

EN ISO 3411:1999, *Earth-moving machinery – Human physical dimensions of operators and minimum operator space envelope* (ISO 3411:1995).

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