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NSAI Standards

Irish Standard
I.S. EN 536:2015

Road construction machines - Mixing plants for road construction materials - Safety requirements

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I.S. EN 536:2015

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National Foreword

I.S. EN 536:2015 is the adopted Irish version of the European Document EN 536:2015, Road construction machines - Mixing plants for road construction materials - Safety requirements

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 536

August 2015

ICS 93.080.10

Supersedes EN 536:1999

English Version

Road construction machines - Mixing plants for road construction materials - Safety requirements

Machines pour la construction des routes - Centrales d'enrobage pour matériaux routiers - Prescriptions de sécurité

Straßenbaumaschinen - Mischanlagen für Materialien zum Straßenbau - Sicherheitsanforderungen

This European Standard was approved by CEN on 3 July 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.

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European foreword

This document (EN 536:2015) 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of an identical text or by endorsement, at the latest by February 2016, and conflicting national standards shall be withdrawn at the latest by February 2016.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 536:1999.

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.

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.

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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.

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1 Scope

This European Standard specifies the safety requirements applicable to stationary and relocatable mixing plants for the production of materials (e.g. hot-mix asphalt, cold-mix asphalt, cement gravel) used for the construction and maintenance of traffic routes (roads, highways, sidewalks, airfields, etc.) water retaining works, dam walls, culverts, etc.

This European Standard applies to the following types of mixing plant:

a) hot asphalt mixing plant;

b) cold mixing plant (e.g. for production of cement gravel, cold mix asphalt);

c) mixing plant for bituminous or non-bituminous reclaimed materials;

d) mixing plant for mastic asphalt, also including natural asphalt.

Machines moving during the working process (e.g. mobile mastic asphalt mixers) and crushers are not covered by this European Standard.

Those types of asphalt mixing plants can also be combined or enlarged by additional installations (e.g. Plant for storage of binders (e.g. bituminous, synthetic, vegetal).

This European Standard deals with all significant hazards pertinent to mixing plants, when they are used as intended and under the conditions of misuse which are reasonably foreseen by the manufacturer (see Clause 4). This European Standard specifies the appropriate technical measures to eliminate or reduce risks arising from the significant hazards.

This European Standard does not apply to machines for the production of cement concrete and mortar as covered in EN 12151.

This European Standard does not deal with hazards caused by flammable gases. As soon as information is available it will be included.

This European Standard is not applicable to mixing plants for road construction materials, which are manufactured before the date of publication of this European Standard by CEN.

2 Normative references

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

EN 547-1:1996+A1:2008, *Safety of machinery — Human body measurements — Part 1: Principles for determining the dimensions required for openings for whole body access into machinery*

EN 547-2:1996+A1:2008, *Safety of machinery — Human body measurements — Part 2: Principles for determining the dimensions required for access openings*

EN 618:2002+A1:2010, *Continuous handling equipment and systems — Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors*

EN 620:2002+A1:2010, *Continuous handling equipment and systems — Safety and EMC requirements for fixed belt conveyors for bulk materials*

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