Earth-moving machinery - Basic types - Identification and terms and definitions (ISO 6165:2012)

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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 6165:2012 sisaldab Euroopa standardi EN ISO 6165:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 6165:2012 consists of the English text of the European standard EN ISO 6165:2012.
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 01.09.2012.	Date of Availability of the European standard is 01.09.2012.
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 standardiosakond@evs.ee.

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EUROPEAN STANDARD

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English Version

Earth-moving machinery - Basic types - Identification and terms and definitions (ISO 6165:2012)

Engins de terrassement - Principaux types - Identification et termes et définitions (ISO 6165:2012)

Erdbaumaschinen - Grundtypen - Identifizierung und Begriffe (ISO 6165:2012)

This European Standard was approved by CEN on 31 August 2012.

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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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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 6165:2012) has been prepared by Technical Committee ISO/TC 127 "Earth-moving machinery" in collaboration with 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 March 2013, and conflicting national standards shall be withdrawn at the latest by March 2013.

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 6165:2006.

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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

The text of ISO 6165:2012 has been approved by CEN as a EN ISO 6165:2012 without any modification.

Contents

Page

Earth-moving machinery — Basic types — Identification and terms and definitions

1 Scope

This International Standard gives terms and definitions and an identification structure for classifying earth-moving machinery designed to perform the following operations:

— excavation;

— loading;

— transportation;

— drilling, spreading, compacting or trenching of earth, rock and other materials, during work, for example, on roads and dams, in quarries and mines and on building sites.

The purpose of this International Standard is to provide a clear means of identifying machines according to their function and design configurations.

Annex A provides a procedure based on the identification structure used by this International Standard for classifying the machinery and for introducing detailed identifications consistent with the logic implied by the structure.

Annex B provides a hierarchy of the operator control configurations for earth-moving machinery.

The Bibliography provides a list of terminology standards for many of the machine families identified in this International Standard. Included in those terminology standards are figures depicting different configurations of the machine types in each machine family.

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.

ISO 10261, *Earth-moving machinery — Product identification numbering system*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
earth-moving machinery
self-propelled or towed machine on wheels, crawlers or legs, having *equipment* (3.9) or *attachment* (3.10) (working tool), or both, primarily designed to perform excavation, loading, transportation, drilling, spreading, compacting or trenching of earth, rock and other materials

Note to entry: Earth-moving machinery can be of a type either directly controlled by an operator riding or not riding on the machine, or can be remotely controlled by wired or wireless means with or without direct view on the working area. See Annex B for types of operator control configurations.