

**Railway applications - Designation
systematic for railway vehicles - Part 1:
General**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 15380-1:2006 sisaldab Euroopa standardi EN 15380-1:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 29.05.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 15380-1:2006 consists of the English text of the European standard EN 15380-1:2006.</p> <p>This document is endorsed on 29.05.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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Käsitlusala:	Scope:

ICS 01.110, 45.060.01

Võtmesõnad:

English Version

**Railway applications - Designation system for railway vehicles -
Part 1: General principles**

Applications ferroviaires - Système de classification pour
véhicules ferroviaires - Partie 1: Règles générales

Bahnanwendungen - Kennzeichnungssystematik für
Schienenfahrzeuge - Teil 1: Grundlagen

This European Standard was approved by CEN on 6 March 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, 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.



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Foreword

This document (EN 15380-1:2006) has been prepared by Technical Committee CEN/TC 256 "Railway applications", the secretariat of which is held by DIN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

At the request of DIN, this European Standard has been submitted to the PQ procedure and has been approved as there have been no comparable standards in Europe to date.

The EN 15380 series of standards, *Railway applications – Designation system for railway vehicles* consists of:

- *Part 1: General principles*
- *Part 2: Product groups*
- *Part 3: Designation of installation sites and locations*

This European Standard is based on Part 1 of the DIN 25002 series of standards. After approval, the text of DIN 25002-1 submitted to the PQ procedure was brought into line with the formal requirements of an EN. The resulting editorial amendments have led to slightly modified wordings but they have no effect on the technical content 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, 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 the United Kingdom.

Introduction

This European Standard has created a uniform, general facility for classifying railway vehicles suitable for all project viewpoints. The following aspects are used as project viewpoints:

- function viewpoint and/or
- product viewpoint and/or
- location viewpoint.

This standard forms the basis for:

- definitions of requirements, tenders, contracts, specifications;
- creation of standard sub-systems;
- design (requirements, specifications);
- demarcation of areas of responsibility;
- product planning support;
- project planning support;
- comparison of different system solutions;
- maintenance and repair specifications;
- reliability studies, data acquisition;
- allocation of equipment to functions;
- designation of functions, products and locations .

1 Scope

As a railway-specific technical standard, this European Standard specifies the designation system for technical products and technical project documentation. It takes into account the general rules for structuring principles according to EN 61346-1 and designations according to EN 61355.

The European Standard specifies the structure and content of the designation sets required in the technical project documentation.

The designation depends on the aspect used, see Annex C, individually or in designation set combinations, i.e.:

- product groups according to EN 15380-2;
- installation site/location according to EN 15380-3;
- function structure according to DIN 25002-5.

2 Normative references

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

EN 15380-2, *Railway applications – Designation system for railway vehicles – Part 2: Product groups*

EN 15380-3:2006, *Railway applications – Designation system for railway vehicles – Part 3: Designation of installation sites and locations*

EN 61082-1, *Preparation of documents used in electrotechnology – Part 1: General requirements Amendment A2 (IEC 61082-1:1991)*

EN 61346-1, *Industrial systems, installations and equipment and industrial products – Structuring principles and reference designations - Part 1: Basic rules (IEC 61346-1:1996)*

EN 61346-2:2000, *Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations – Part 2: Classification of objects and codes for classes (IEC 61346-2:2000)*

EN 61355, *Classification and designation of documents for plants, systems and equipment (IEC 61355:1997)*

ISO/IEC 8859-1, *Information technology – 8-bit single-byte coded graphic character sets – Part 1: Latin alphabet No. 1*

DIN 25002-3:2001, *Railway applications – Designation system for rail vehicles – Part 3: Classification of documents¹⁾*

DIN 25002-5, *Railway applications – Designation system for rail vehicles – Part 5: Function groups¹⁾*

1) Available from: Beuth Verlag GmbH, D-10772 Berlin