



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 15380-2:2006**

ICS 01.110  
45.060.01

**RAILWAY APPLICATIONS - DESIGNATION**  
**SYSTEM FOR RAILWAY VEHICLES - PART 2:**  
**PRODUCT GROUPS**

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English Version

**Railway applications - Designation system for railway vehicles -  
Part 2: Product groups**

Applications ferroviaires - Système de classification pour  
véhicules ferroviaires - Partie 2: Groupes des produits

Bahnanwendungen - Kennzeichnungssystematik für  
Schienenfahrzeuge - Teil 2: Produktgruppen

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

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## Foreword

This document (EN 15380-2:2006) 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of an identical text or by endorsement, at the latest by October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

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 2 of the DIN 25002 series of standards. After approval, the text of DIN 25002-2 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.

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## 1 Scope

As a railway-specific technical standard, this European Standard is the basis for establishing product-oriented structures.

This standard essentially is for product structuring; however the function-overlapping "combined assemblies" have to be taken into account. This structure is a common basis for communication between customer, suppliers, subcontractors and others in all stages of the cooperation.

## 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 61346-1:1996, *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)*

## 3 Terms and definitions

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

### 3.1

#### **assembly**

composition of elements that cannot yet be used independently

NOTE Up to now, the classes have been designated as assemblies. If an application-specific subdivision of these assemblies is carried out, the assembly is then often designated as a main assembly and the subdivision is designated as a subassembly

### 3.2

#### **entity treated**

part, element, device, subsystem, functional unit, object or system that can be observed in its own right

[EN 13460-2002]

### 3.3

#### **function**

characteristic effect or aim of an object in conjunction with other objects

NOTE Instead of object, the universal term entity treated may also be used here

### 3.4

#### **main function**

defining function of a product/assembly

### 3.5

#### **auxiliary operating equipment**

sum of devices supplying power for all product groups as well as controlling and regulating the "converter device and battery device" main product groups of a rail vehicle

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