



NSAI
Standards

Irish Standard
I.S. EN 13775-1:2003

Railway applications - Measuring of new and modified freight wagons - Part 1: Measuring principles

I.S. EN 13775-1:2003

Incorporating amendments/corrigenda/National Annexes issued since publication:

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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National Foreword

I.S. EN 13775-1:2003 is the adopted Irish version of the European Document EN 13775-1:2003, Railway applications - Measuring of new and modified freight wagons - Part 1: Measuring principles

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EUROPEAN STANDARD

EN 13775-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2003

ICS 45.060.20

English version

Railway applications - Measuring of new and modified freight wagons - Part 1: Measuring principles

Applications ferroviaires - Mesure des wagons lors de leur construction et lors de modifications - Partie 1: Principes de mesure

Bahnanwendungen - Vermessung von Güterwagen beim Neubau und bei Umbauten - Teil 1: Meßgrundsätze

This European Standard was approved by CEN on 14 February 2003.

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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 Management Centre has the same status as the official versions.

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Management Centre: rue de Stassart, 36 B-1050 Brussels

EN 13775-1:2003 (E)

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Foreword

This document (EN 13775-1:2003) has been prepared by Technical Committee CEN /TC 256 "Railway applications", 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of an identical text or by endorsement, at the latest by December 2003, and conflicting national standards shall be withdrawn at the latest by December 2003.

This series of European Standards "Railway applications - Measuring of new and modified freight wagons" comprises the following parts:

- EN 13775-1 Part 1: Measuring principles
- EN 13775-2 Part 2: Freight wagons with bogies
- EN 13775-3 Part 3: Freight wagons with 2 wheelsets
- prEN 13775-4 Part 4: Bogies with 2 wheelsets
- prEN 13775-5 Part 5: Bogies with 3 wheelsets
- prEN 13775-6 Part 6: Tight-coupled freight wagons

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

EN 13775-1:2003 (E)**Introduction**

It is normal practice in all European countries to carry out checks and measurements on the major components of new and modified freight wagons and bogies. In view of the importance of uniform criteria for international transport in all European countries, this European Standard has been prepared.

1 Scope

This European Standard specifies requirements for measuring freight wagons and bogies. This ensures that the measuring methods are applied in accordance with uniform criteria. It applies to new and modified freight wagons and bogies. Provisions going beyond the scope of these requirements ought to be agreed upon by the contracting parties involved.

The measuring methods relate to the whole or parts of the underframes with or without add-ons if the geometrical structure does not permit anything else. Where appropriate, other measuring methods not specified here are necessary and ought to be specified in each individual case. This applies as appropriate to bogies.

2 Normative references

Non Applicable.

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply:

3.1**modified freight wagons**

modifications which change the original identity of the freight wagon

Note In this case, the sub-assemblies ensuring operational safety ought to be measured in accordance with this series in addition to the components changed by the modification.

3.2**modified bogies**

modifications which change the original identity of the bogie

NOTE In this case, the sub-assemblies ensuring operational safety ought to be measured in accordance with this series in addition to the components changed by the modification.

3.3**finished product**

product in a finished state in which it leaves the supplier

NOTE A product can be a sub-assembly (e.g. underframe bolster), a rough structure (underframe or body) or a finished vehicle.

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