



SLOVENSKI STANDARD
SIST EN 13715:2006/kFprA1:2010
01-julij-2010

Železniške naprave - Kolesne dvojice in podstavni vozički - Kolesa - Profil tekalne površine - Dopolnilo A1

Railway applications - Wheelsets and bogies - Wheels - Wheel treads

Bahnanwendungen - Radsätze und Drehgestelle - Räder - Radprofile

Applications ferroviaires - Essieux montés et bogies - Roues - Profil de roulement

Ta slovenski standard je istoveten z: EN 13715:2006/FprA1

ICS:

45.040	Materiali in deli za železniško tehniko	Materials and components for railway engineering
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SIST EN 13715:2006/kFprA1:2010 **en,fr**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
EN 13715:2006

FprA1

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ICS 45.040

English Version

Railway applications - Wheelsets and bogies - Wheels - Wheel treads

Applications ferroviaires - Essieux montés et bogies -
Roues - Profil de roulement

Bahnanwendungen - Radsätze und Drehgestelle - Räder -
Radprofile

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 256.

This draft amendment A1, if approved, will modify the European Standard EN 13715:2006. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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 Management Centre has the same status as the official versions.

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Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

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Contents

Page

Foreword.....	3
1 Amendment of the Foreword.....	4
2 Amendment of Annex ZA.....	4
3 Deletion of Annex ZB	7

Foreword

This document (EN 13715:2009/prA1:2010) has been prepared by Technical Committee CEN/TC 256 "Railway applications", the secretariat of which is held by DIN.

This document is currently submitted to the Unique Acceptance Procedure.

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 2008/57/EC](#).

For relationship with the EU Directive, see informative Annex ZA, which is an integral part of this document.

EN 13715:2009/prA1:2010 (E)**1 Amendment of the Foreword**

Delete the 5th paragraph of the Foreword and replace with:

"This document has been prepared under a mandate given to CEN/CENELEC/ETSI by the European Commission and the European Free Trade Association, and supports essential requirements of **EU Directive 2008/57/EC**."

Delete the 6th paragraph and replace with:

"For relationship with **EU Directive 2008/57/EC**, see informative Annex ZA, which is an integral part of this document."

2 Amendment of Annex ZA

Replace Annex ZA with the following Annex ZA:

"

Annex ZA
(informative)**Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC**

This European Standard has been prepared **under a mandate given to CEN/CENELEC/ETSI** by the European Commission to provide a means of conforming to Essential Requirements of the New Approach Directive 2008/57/EC¹.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 for High Speed Rolling Stock, Table ZA.2 for Freight Wagons and Table ZA.3 for Locomotives and Passenger Rolling Stock, confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

¹ The Directive 2008/57/EC adopted on 17 June 2008 is a recast of the previous Directive 96/48/EC 'Interoperability of the trans-European high-speed rail system' and 2001/16/EC 'Interoperability of the trans-European conventional rail system' and their revision by Directive 2004/50/EC of the European Parliament and of the Council of 29 April 2004 amending Council Directive 96/48/EC 'Interoperability of the trans-European high-speed rail system' and Directive 2001/16/EC of the European Parliament and of the Council 'Interoperability of the trans-European conventional rail system'

Table ZA.1 – Correspondence between this European Standard, the HS RST TSI dated June 2006 and published in the Official Journal on 26 March 2008 and Directive 2008/57/EC

Clauses/subclauses of this European Standard	Chapters/subclauses/annexes of the TSI	Corresponding text, articles/subclauses/annexes of Directive 2008/57/EC	Comments
The whole standard is applicable	<p>4. Characteristics of the subsystem</p> <p>4.2 Functional and technical specifications of the subsystem</p> <p>4.2.3. Vehicle track interaction and gauging</p> <p>4.2.3.4 1. Rolling stock dynamic behaviour. General</p> <p>4.2.3.4 4. Rolling stock dynamic behaviour. Wheel/rail interface</p> <p>4.2.3.4 7. Rolling stock dynamic behaviour. Design values for wheel profiles</p> <p>4.3 Functional and technical specification of the interfaces</p> <p>4.3.2.6 Infrastructure subsystem. Rolling stock dynamic behaviour and wheel profiles</p> <p>5 Interoperability constituents</p> <p>5.3 List of constituents</p> <p>5.4 Constituent performance and specifications</p> <p>Annex M In-service limits of the geometric dimensions of wheels and wheelsets</p>	<p>Annex III, Essential requirements</p> <p>1 General requirements</p> <p>1.1 Safety</p> <p>1.1.1, 1.1.2</p> <p>1.5 Technical compatibility §1</p> <p>2 Requirements specific to each sub-system</p> <p>2.4 Rolling stock</p> <p>2.4.2 Reliability and availability</p> <p>2.4.3 Technical compatibility §3</p>	In 4.2.3.4.7, the TSI refers to EN 13715 and the two reference profiles 1/40 th and S 1002

EN 13715:2009/prA1:2010 (E)

Table ZA.2 – Correspondence between this European Standard, the CR TSI Rolling Stock Freight Wagons dated July 2006 and published in the Official Journal on 8 December 2006 and its intermediate revision published in the Official Journal on 14 February 2009 and Directive 2008/57/EC

Clauses/subclauses of this European Standard	Chapter/subclauses/annexes of the TSI	Corresponding text, articles/subclauses/annexes of Directive 2008/57/EC	Comments
The whole standard is applicable	<p>4.Characterization of the subsystem</p> <p>4.2 Functional and technical specifications of the subsystem</p> <p>4.2.3. Vehicle track interaction and gauging</p> <p>4.2.3.4.1. Vehicle dynamic behaviour. General</p> <p>5 Interoperability constituents</p> <p>5.3.2.3 List of constituents. Vehicle track interaction and gauging. Wheels</p> <p>5.4.2.3 Constituents performances and specifications. Vehicle track interaction and gauging. Wheels</p> <p>Annex E: Vehicle track interaction and gauging. Wheelset dimensions and tolerances for standard gauge</p> <p>Annex L: Vehicle track interaction and gauging. Wheels</p> <p>Annex Y: Constituents Bogies and running gear</p>	<p>Annex III, Essential requirements</p> <p>1 General requirements</p> <p>1.1 Safety</p> <p>1.1.1, 1.1.2</p> <p>1.5 Technical compatibility §1</p> <p>2 Requirements specific to each subsystem</p> <p>2.4 Rolling stock</p> <p>2.4.2 Reliability and availability</p> <p>2.4.3 Technical compatibility §3</p>	<p>The reference profiles given in Annexes B, C and D are normative only if selected by the wheel tread designer.</p> <p>The TSI does not make it obligatory to use a specific profile or effective conicity to ensure that the selected profile meets the requirements of the TSI safely during operation.</p> <p>Also, EN 13715 does not restrict the selection of the profile to the reference annexes; only the flange and the geometry of the tread angle are normative.</p>