
**Železniške naprave - Zavorni sistemi motornih vlakov - 2. del: Preskusne metode -
Dopolnilo A1**

Railway applications - Braking systems of multiple unit trains - Part 2: Test methods

Bahnanwendungen - Bremssysteme für Triebzüge - Teil 2: Prüfverfahren

Applications ferroviaires - Systèmes de freinage pour trains automoteurs - Partie 2 :
Méthodes d'essai

Ta slovenski standard je istoveten z: EN 16185-2:2014/prA1

ICS:

45.040 Materiali in deli za železniško Materials and components
tehniko for railway engineering

SIST EN 16185-2:2015/oprA1:2019 en,fr,de

ITeH STANDARD PREVIEW
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Full standard:
<https://standards.iteh.ai/catalog/standards/sist/144856d2-5565-4e76-951e-82409a5de3ec/sist-en-16185-2-2015-oprA1-2019>

EUROPEAN STANDARD
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Railway applications - Braking systems of multiple unit trains - Part 2: Test methods

Applications ferroviaires - Systèmes de freinage pour
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Teil 2: Prüfverfahren

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

This draft amendment A1, if approved, will modify the European Standard EN 16185-2:2014. 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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European foreword

This document (EN 16185-2:2014/prA1:2018) 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 CEN Enquiry.

This document will supersede EN 16185-2:2014.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of EN 16185:2014.

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EN 16185-2:2014/prA1:2018 (E)**1 Modifications to clause 7.1.2.2, Quantity and methodology of tests**

In the first paragraph, replace normative reference

“UIC 544-1:2004, Annex F”

with

“EN 16834:2018, 6.7”.

In the last paragraph, replace normative reference

“UIC 544-1”

With

“EN 16834”.

And update Clause 2, Normative references, accordingly.

2 Modifications to clause 7.1.4, Verification of deceleration and stopping distance

In the 5th paragraph, replace

“UIC 544-1:2004, F.1.2”

With

“EN 16834:2018, 6.7.2”.

And in the last paragraph, replace

“UIC 544-1:2004, Annex F”

With

“EN 16834:2018, 6.7”.

And update Clause 2, Normative references, accordingly.

3 Modifications to 7.1.5, Definition of braked weight percentage (λ)

Replace

“UIC 544-1”

With

“EN 16834”.

And update Clause 2, Normative references, accordingly.

4 Modifications to Annex ZA

Replace the current Annex ZA with the following:

Annex ZA (Informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/483 to provide one voluntary means of conforming to the essential requirements of the Directive 2008/57/EC on the interoperability of the rail system (recast).

Once this standard is cited in the Official Journal of the European Union under that Directive 2008/57/EC, compliance with the normative clauses of this standard given in Table ZA.1 for locomotive and passenger RST, 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.

Table ZA.1 — Correspondence between this European Standard, the Commission regulation n°1302/2014 of 18 November 2014 concerning the technical specification for interoperability relating to the 'rolling stock locomotives and passenger rolling stock' of the rail system in the European Union (published in the Official Journal L 356, 12.12.2014, p.228) and Directive 2008/57/EC

Essential Requirements of Directive 2008/57/EC	Chapter/§/annexes of the Technical Specification for Interoperability (TSI)	Clause/subclauses of this European Standard	Comments
Annex III, Essential requirements 1 General requirements 1.1 Safety Clauses 1.1.1, 1.1.2, 1.1.3, 1.1.4, 1.1.5 1.2 Reliability and availability 1.3 Health Clause 1.3.2 1.4 Environmental protection Clause 1.4.2 1.5 Technical compatibility 2 Requirements specific to each subsystem 2.4 Rolling stock 2.4.1 Safety §3,8 2.4.2 Reliability and availability 2.4.3 Technical compatibility §3	4.2 Functional and technical specification 4.2.4 Braking 4.2.4.1. General 4.2.4.2. Main functional and safety requirements 4.2.4.3 Type of brake system 4.2.4.4 Brake command 4.2.4.5 Braking performance 4.2.4.6 Wheel rail adhesion profile - Wheel slide protection system 4.2.4.7 Dynamic brake - Braking system linked to traction system 4.2.4.8 Braking system independent of adhesion conditions 4.2.4.9 Brake state and fault indication 4.2.4.10 Brake requirements for rescue purposes	The whole standard is applicable.	The amended EN refers to new versions of ENs referred to in the TSIs and to equivalent EN to some UIC references. There is no method for the assessment of the requirement of 4.2.10.4.4 of the TSI

EN 16185-2:2014/prA1:2018 (E)

Essential Requirements of Directive 2008/57/EC	Chapter/§/annexes of the Technical Specification for Interoperability (TSI)	Clause/subclauses of this European Standard	Comments
	4.2.10 Fire safety and evacuation 4.2.10.4 Requirements related to emergencies §4.2.10.4.4 Running capability		

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the products falling within the scope of this standard.

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