

**SLOVENSKI STANDARD**  
**SIST EN 16207:2014/oprA1:2019**  
**01-januar-2019**

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**Železniške naprave - Zavore - Funkcionalna merila in merila za zmogljivost elektromagnetnih zavornih sistemov za železniška vozila - Dopnilo A1**

Railway applications - Braking - Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock

Bahnanwendungen - Bremse - Anforderungen an Funktion und Leistungsfähigkeit von Magnetschienenbremssystemen für Schienenfahrzeuge

Applications ferroviaires - Freinage - Critères pour la fonction et la performance des systèmes de freinage magnétiques pour véhicules ferroviaires

**Ta slovenski standard je istoveten z: EN 16207:2014/prA1**

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**ICS:**

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

**SIST EN 16207:2014/oprA1:2019**            **en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 16207:2014**  
**prA1**

October 2018

ICS 45.060.01

English Version

## Railway applications - Braking - Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock

Applications ferroviaires - Freinage - Critères pour la fonction et la performance des systèmes de freinage magnétiques pour véhicules ferroviaires

Bahnanwendungen - Bremse - Anforderungen an Funktion und Leistungsfähigkeit von Magnetschienenbremssystemen für Schienenfahrzeuge

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 16207:2014. 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 COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 16207:2014/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 16207:2014.

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

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**EN 16207:2014/prA1:2018 (E)****1 Modifications to Clause 2, Normative references**

*Replace reference*

“prEN 14531-2”

*with*

“EN 14531-2”

*And make the same change in clause 5.2*

**2 Modifications to 10, Vehicle implementation tests**

*Replace*

“UIC 544-1:2004, 2.5.2”

*With*

“EN 16834:2018, 8.7”

*and update Clause 2, Normative references, accordingly.*

**3 Modifications to Annex ZA, Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC**

*Replace the current Annex ZA with the following:*

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## 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, 1.1.3, 1.1.4 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 §2 and 3 2.4.2 Reliability and availability 2.4.3. Technical compatibility §3	4. Characterization of the Rolling stock subsystem 4.2 Functional and technical specifications of the subsystem 4.2.3 Track interaction and gauging 4.2.3.3. Rolling Stock parameters which influence ground based systems §4.2.3.3.1 Rolling Stock characteristics for the compatibility with train detection systems 4.2.3.3.1.2 Rolling stock characteristics for compatibility with train detection system based on axle counters §EMC (9) 4.2.4 Braking 4.2.4.8 Braking system independent of adhesion conditions	The whole standard is applicable.	Annex C of this EN covers the index 31 of Annex J.1 of the TSI (Appendix 3 of UIC 541-06, Jan 1992).

## EN 16207:2014/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
	§4.2.4.8.1.General 4.2.4.8.2 Magnetic track brake 4.2.10. Fire safety and evacuation 4.2.10.2. Measures to prevent fire §4.2.10.2.1 Material requirements		

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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