
Železniške naprave - Požarna zaščita na železniških vozilih - 2. del: Zahteve za obnašanje materialov in sestavnih delov v požaru - Dopolnilo A1

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components

Bahnanwendungen - Brandschutz in Schienenfahrzeugen - Teil 2: Anforderungen an das Brandverhalten von Materialien und Komponenten

Applications ferroviaires - Protection contre les incendies dans les véhicules ferroviaires - Partie 2 : Exigences au feu des matériaux et des composants

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Ta slovenski standard je istoveten z: EN 45545-2:2020/prA1

ICS:

13.220.20	Požarna zaščita	Fire protection
45.060.01	Železniška vozila na splošno	Railway rolling stock in general

SIST EN 45545-2:2020/oprA1:2021 **en,fr,de**

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EUROPEAN STANDARD
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EN 45545-2:2020
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ICS 13.220.20; 45.060.01

English Version

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components

Applications ferroviaires - Protection contre les
incendies dans les véhicules ferroviaires - Partie 2 :
Exigences au feu des matériaux et des composants

Bahnanwendungen - Brandschutz in
Schienenfahrzeugen - Teil 2: Anforderungen an das
Brandverhalten von Materialien und Komponenten

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 45545-2:2020. 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 45545-2:2020/prA1:2021) 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 amend EN 45545-2:2020.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

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

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EN 45545-2:2020/prA1:2021 (E)**1 Modifications to the European foreword**

Add in the European foreword, directly after the paragraph on the transition period:

"

The goal of the transitional period is to one hand allow the sector to accommodate to the new requirements and to the other hand to permit the use of certificates which are still valid under the previous version.

TSI LOC&PAS "Directive (EU) 2016/797" currently requires materials to be tested against EN 45545-2:2013+A1:2015.

".

2 Modifications to Clause 2, Normative references

Replace the references in Clause 2 "Normative references" with the following ones:

"

EN 50305:2020, *Railway applications — Railway rolling stock cables having special fire performance — Test methods*

EN 50306:2020 (series), *Railway applications — Railway rolling stock cables having special fire performance*

EN 50382:2008 (series),¹ *Railway applications — Railway rolling stock high temperature power cables having special fire performance*
<https://standards.iteh.ai/catalog/standards/sist/13f45753-04f9-40e7-bb61-55d1f98525ec/sist-en-45545-2-2020-oprA1-2021>

EN 60332-1-2:2004,² *Tests on electric and optical fibre cables under fire conditions — Part 1-2: Test for vertical flame propagation for a single insulated wire or cable — Procedure for 1 kW pre-mixed flame (IEC 60332-1-2:2004)*

" and "

EN 60695-2-11:2014, *Fire hazard testing — Part 2-11: Glowing/hot-wire based test methods — Glow-wire flammability test method for end-products (GWEPT) (IEC 60695-2-11:2014)*

" and "

EN 61034-1:2005,³ *Measurement of smoke density of cables burning under defined conditions — Part 1: Test apparatus (IEC 61034-1:2005)*

¹ As impacted by EN 50382:2008/A1:2013.

² As impacted by EN 60332-1-2:2004/A1:2015 and EN 60332-1-2:2004/A11:2016.

³ As impacted by EN 61034-1:2005/A1:2014 and EN 61034-1:2005/A2:2020.