# SLOVENSKI STANDARD
# oSIST prEN 14363-5:2025

**01-september-2025**

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**Železniške naprave - Preskušanje in simulacija za oceno voznih lastnosti železniških vozil, ki obratujejo na omrežju težkih železniških prog - 5. del: Izračuni/simulacije**

Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles operated on the heavy rail network - Part 5: Calculations/Simulations

Bahnanwendungen - Prüfungen und Simulationen für die Bewertung der fahrtechnischen Eigenschaften von Schienenfahrzeugen, die auf dem Vollbahnnetz betrieben werden - Teil 5: Berechnungen/Simulationen

Applications ferroviaires - Essais en vue de l'évaluation du comportement dynamique des véhicules ferroviaires circulant sur un réseau du système ferroviaire lourd - Partie 5 : Calculs/Simulations



**Ta slovenski standard je istoveten z:** **prEN 14363-5**

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**ICS:**

| | | |
|---|---|---|
| 45.060.01 | Železniška vozila na splošno | Railway rolling stock in general |

**oSIST prEN 14363-5:2025** **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# DRAFT
# prEN 14363-5

June 2025

ICS

Will supersede EN 14363:2016+A2:2022

English Version

# Railway applications - Testing and simulation for the acceptance of running characteristics of railway vehicles - Part 5: Calculations/Simulations

Applications ferroviaires ¿ Essais en vue de l'évaluation du comportement dynamique des véhicules ferroviaires circulant sur un réseau du système ferroviaire lourd ¿ Partie 5 : Calculs/Simulations

Bahnanwendungen - Versuche und Simulationen für die Bewertung der fahrtechnischen Eigenschaften von Schienenfahrzeugen, die auf dem Vollbahnnetz betrieben werden - Teil 5: Berechnungen/Simulationen

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



If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard 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.

**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

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

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# European foreword

This document (prEN 14363-5:2025) 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 together with prEN 14363-1:2025, prEN 14363-2:2025, prEN 14363-3:2025, and prEN 14363-4:2025 will supersede EN 14363:2016+A2:2022.

EN 14363:2025 includes the following significant technical changes with respect to EN 14363:2016+A2:2022.

This document is one of the series EN 14363 *Railway applications — Testing and Simulation for the assessment of running characteristics of railway vehicles* as listed below:

— Part 1: *General*;

— Part 2: *Safety against derailment on twisted track*;

— Part 3: *Stationary tests that are not obligatory on European level*;

— Part 4: *On-track testing*;

— Part 5: *Simulations and calculations*;

— Part 6: *Background information to the EN 14363 series of standards*.



This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.



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

It is not necessary to require further assessment of vehicles which have been already assessed under the conditions of previous standards in this field. Test results achieved under the conditions of the previous standards remain valid and can be used for the extension of field of application of a vehicle or vehicle design according to this series of standards.