



**SLOVENSKI STANDARD**  
**SIST EN 50126-1:2018/A1:2025**

**01-januar-2025**

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**Železniške naprave - Specifikacija in prikaz zanesljivosti, razpoložljivosti, vzdrževalnosti in varnosti (RAMS) - 1. del: Generični procesi RAMS - Dopolnilo A1**

Railway Applications - The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) - Part 1: Generic RAMS Process

Bahnanwendungen - Spezifikation und Nachweis von Zuverlässigkeit, Verfügbarkeit, Instandhaltbarkeit und Sicherheit (RAMS) - Teil 1: Generischer RAMS-Prozess

Applications ferroviaires - Spécification et démonstration de la fiabilité, de la disponibilité, de la maintenabilité et de la sécurité (FDMS) - Partie 1 : Processus FMDS générique

**Ta slovenski standard je istoveten z: EN 50126-1:2017/A1:2024**

[SIST EN 50126-1:2018/A1:2025](http://standards.slovenski-standard.si/standards/sist/217425200-1091-1090.html)

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**ICS:**

03.120.01	Kakovost na splošno	Quality in general
45.020	Železniška tehnika na splošno	Railway engineering in general

**SIST EN 50126-1:2018/A1:2025**      **en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 50126-1:2017/A1**

November 2024

ICS 29.280; 45.020

English Version

**Railway applications - The specification and demonstration of  
Reliability, Availability, Maintainability and Safety (RAMS) -  
Part 1: Generic RAMS process**

Applications ferroviaires - Spécification et démonstration de la fiabilité, de la disponibilité, de la maintenabilité et de la sécurité (FDMS) - Partie 1: Processus FMDS générique

Bahnanwendungen - Spezifikation und Nachweis von Zuverlässigkeit, Verfügbarkeit, Instandhaltbarkeit und Sicherheit (RAMS) - Teil 1: Generischer RAMS-Prozess

This amendment A1 modifies the European Standard EN 50126-1:2017; it was approved by CENELEC on 2024-10-14. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC 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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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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

<b>Contents</b>	<b>Page</b>
European foreword.....	3
1 Modification to the Introduction.....	4
2 Modification to Clause 1 “Scope” .....	4
3 Modification to Clause 2, “Normative references” .....	4
4 Modification to Clause 3, “Terms and definitions” .....	4
5 Modification to Clause 5, “Railway RAMS” .....	7
6 Modification to Clause 6, “Management of railway RAMS – general requirements” .....	7
7 Modification to Clause 7, “RAMS life cycle” .....	7
8 Modification to Annex ZZ, “Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC” .....	8
9 Modification to the Bibliography.....	11

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## European foreword

This document (EN 50126-1:2017/A1:2024) has been prepared by Technical Committee CLC/TC 9X “Electrical and electronic applications for railways”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-11-30
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2027-11-30

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a standardization request addressed to CENELEC 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 ZZ, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

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**EN 50126-1:2017/A1:2024 (E)****1 Modification to the Introduction**

*In the second paragraph, replace “the practical usage of EN 50126” with “the practical usage of this document”.*

*In the fifth paragraph, replace “EN 50126 forms part of” with “the EN 50126 series forms part of”.*

*Replace the seventh paragraph with the following:*

“The EN 50126 series is independent from the technology used. As far as safety is concerned, the EN 50126 series takes the perspective of safety with a functional approach.”

**2 Modification to Clause 1 “Scope”**

*In the first and second paragraph, replace “This part 1 of EN 50126” with “this document”.*

*In the penultimate paragraph, replace “any former version of EN 50126” with “any former version of this document.”*

**3 Modification to Clause 2, “Normative references”**

*Add the following text:*

“The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50126-2:2017,<sup>1</sup> *Railway Applications — The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) — Part 2: Systems approach to safety*

“

**4 Modification to Clause 3, “Terms and definitions”**

*In all subclauses, replace “[SOURCE: IEC 60050-821:FDIS2016]” with “[SOURCE: IEC 60050-821:2017]”.*

*Replace term entry 3.2 with the following:*

“

**3.2****accident**

unintended event or series of events that results in harm

[SOURCE: IEC 60050-821:2017, 821-12-02, modified – “that results in death, injury, loss of a system or service, or environmental damage” has been replaced with “that results in harm”]

*Replace term entry 3.5 with the following:*

“

**3.5****audit**

systematic, independent, documented process for obtaining records, statements of fact or other relevant information and assessing them objectively to determine the extent to which specified requirements are fulfilled

[SOURCE: IEC 60050-902:2013, 902-03-04, modified – The Note 1 to entry has been omitted]”

*Replace term entry 3.6 with the following:*

“

<sup>1</sup> As impacted by EN 50126-2:2017/A1:2024.