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**Železniške naprave – Sistemi tokovnega odjema – Zahteve in veljavnost  
meritev medsebojnih dinamičnih vplivov med tokovnim odjemnikom in  
kontaktnim vodnikom – Dopolnilo A1**

Railway applications - Current collection systems - Requirements for and validation  
of measurements of the dynamic interaction between pantograph and overhead  
contact line; Amendment A1

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[SIST EN 50317:2003/A1:2005](https://standards.iteh.ai/catalog/standards/sist/51a55056-42dd-48b9-ba1c-ea0feae0a0af/sist-en-50317-2003-a1-2005)

[https://standards.iteh.ai/catalog/standards/sist/51a55056-42dd-48b9-ba1c-  
ea0feae0a0af/sist-en-50317-2003-a1-2005](https://standards.iteh.ai/catalog/standards/sist/51a55056-42dd-48b9-ba1c-ea0feae0a0af/sist-en-50317-2003-a1-2005)

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English version

**Railway applications –  
Current collection systems –  
Requirements for and validation  
of measurements of the dynamic interaction  
between pantograph and overhead contact line**

Applications ferroviaires –  
Systèmes de captage de courant -  
Prescriptions et validation  
des mesures de l'interaction dynamique  
entre le pantographe et la caténaire

Bahnanwendungen -  
Stromabnahmesysteme –  
Anforderungen und Validierung von  
Messungen des dynamischen  
Zusammenwirkens zwischen  
Stromabnehmer und Oberleitung

ITEH STANDARD PREVIEW  
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SIST EN 50317:2003/A1:2005

This amendment A1 modifies the European Standard EN 50317:2002; it was approved by CENELEC on 2004-10-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

# CENELEC

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

This amendment was prepared by SC 9XC, Electric supply and earthing systems for public transport equipment and ancillary apparatus (fixed installations), of Technical Committee CENELEC TC 9X, Electrical and electronic applications for railways.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50317:2002 on 2007-10-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-10-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2007-10-01

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SIST EN 50317:2003/A1:2005

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## **8 Measurement of arcing**

8.5 **Replace** paragraph 2 by the following:

For the output only arcs that were lasting longer than a defined duration shall be regarded.

NOTE This duration depends of the problem which has to be investigated. A common value is 5 ms.

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