



SLOVENSKI STANDARD
SIST EN IEC 62554:2012/A1:2018

01-april-2018

**Priprava vzorca za merjenje ravni živega srebra v fluorescenčnih sijalkah -
Dopolnilo A1 (IEC 62554:2011/A1:2017)**

Sample preparation for measurement of mercury level in fluorescent lamps (IEC 62554:2011/A1:2017)

Vorbereitung des Prüfmusters zur Messung des Quecksilbergehalts in
Leuchtstofflampen (IEC 62554:2011/A1:2017)

Préparation des échantillons en vue de la mesure du niveau de mercure dans les lampes
fluorescentes (IEC 62554:2011/A1:2017)

SIST EN IEC 62554:2012/A1:2018
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Ta slovenski standard je istoveten z: EN IEC 62554:2011/A1:2018

ICS:

29.140.30 Fluorescenčne sijalke. Sijalke Fluorescent lamps.
Discharge lamps

SIST EN IEC 62554:2012/A1:2018 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62554:2011/A1

February 2018

ICS 29.140.30

English Version

**Sample preparation for measurement of mercury level in
fluorescent lamps
(IEC 62554:2011/A1:2017)**

Préparation des échantillons en vue de la mesure du niveau
de mercure dans les lampes fluorescentes
(IEC 62554:2011/A1:2017)

Vorbereitung des Prüfmusters zur Messung des
Quecksilbergehalts in Leuchtstofflampen
(IEC 62554:2011/A1:2017)

This amendment A1 modifies the European Standard EN 62554:2011; it was approved by CENELEC on 2017-11-22. 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.

SIST EN IEC 62554:2012/A1:2018

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



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

EN IEC 62554:2011/A1:2018 (E)**European foreword**

The text of document 34A/1997/CDV, future edition 1 of IEC 62554:2011/A1:2017, prepared by SC 34A "Lamps" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62554:2011/A1:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-08-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-11-22

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.

Endorsement notice

The text of the International Standard IEC 62554:2011/A1:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

IEC 62321 (series) NOTE Harmonized as EN 62321 (series).

[SIST EN IEC 62554:2012/A1:2018](https://standards.iteh.ai/catalog/standards/sist/2344c8a8-0c5e-46ad-97e4-fe9ca84bccfa/sist-en-iec-62554-2012-a1-2018)

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Replace Annex ZA of EN 62554:2011 by the following:

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62321-4	2013	Determination of certain substances in electrotechnical products -- Part 4: Determination of mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS	EN 62321-4	2014
+ A1	2017		+ A1	2017
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995
ISO/IEC 17025	2005	General requirements for the competence of testing and calibration laboratories	EN ISO/IEC 17025	2005

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IEC 62554

Edition 1.0 2017-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Sample preparation for measurement of mercury level in fluorescent lamps

Préparation des échantillons en vue de la mesure du niveau de mercure dans
les lampes fluorescentes

[SIST EN IEC 62554:2012/A1:2018](https://standards.iteh.ai/catalog/standards/sist/2344c8a8-0c5e-46ad-97e4-fe9ca84bccfa/sist-en-iec-62554-2012-a1-2018)

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ICS 29.140.30

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FOREWORD

This amendment has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

The text of this amendment is based on the following documents:

CDV	Report on voting
34A/1997/CDV	34A/2028/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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INTRODUCTION to Amendment 1

IEC 62554 specifies the method of sample preparation for the measurement of mercury level in fluorescent lamps. It refers to IEC 62321:2008 for the technique for determining the amount of mercury.

In the meantime it has been found that for fluorescent lamps, some of the techniques specified in IEC 62321 can lead to inaccurate and misleading results and in addition this standard has been split into several parts.

In bilateral discussions between members of subcommittee 34A and technical committee 111, it was agreed to update the relevant part of IEC 62321 and the reference made to it in IEC 62554. Amendment 1 to IEC 62321-4 has now been published (IEC 62321-4:2013/AMD1:2017).

2 Normative references

Delete the reference to IEC 62321:2008

Add the following new reference: