SLOVENSKI STANDARD
SIST EN IEC 62976:2019/oprA1:2022

01-november-2022

Oprema za industrijsko neporušitveno preskušanje - Elektronski linearni pospeševalnik - Dopolnilo A1

Industrial non-destructive testing equipment - Electron linear accelerator

Industrielle Ausrüstung für die zerstörungsfreie Prüfung - Elektronenlinearbeschleuniger

Appareils destinés aux essais non destructifs pour le secteur industriel - Accélérateur électronique linéaire

Ta slovenski standard je istoveten z: **EN IEC 62976:2019/prA1**

ICS:

19.100	Neporušitveno preskušanje	Non-destructive testing
27.120.01	Jedrska energija na splošno	Nuclear energy in general

SIST EN IEC 62976:2019/oprA1:2022 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
EN IEC 62976:2019

prA1

August 2022

ICS 27.120.01 -

English Version

Industrial non-destructive testing equipment - Electron linear accelerator (IEC 62976:2017/AMD1:2021)

Appareils destinés aux essais non destructifs pour le secteur industriel - Accélérateur électronique linéaire (IEC 62976:2017/AMD1:2021)

Industrielle Ausrüstung für die zerstörungsfreie Prüfung - Elektronenlinearbeschleuniger (IEC 62976:2017/AMD1:2021)

This draft amendment prA1, if approved, will modify the European Standard EN IEC 62976:2019; it is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2022-11-18.

The text of this draft consists of the text of IEC 62976:2017/AMD1:2021.

If this draft becomes an amendment, 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.

This draft amendment was established by CENELEC 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.

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

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

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

European foreword

This document (prEN IEC 62976:2019/prA1:2022) consists of the text of document IEC 62976:2019/AMD1:2021, prepared by IEC/SC 45B “Radiation protection instrumentation” of IEC/TC 45 "Nuclear instrumentation".

This document is currently submitted to the Enquiry.

The following dates are proposed:

• latest date by which the existence of this document has to be announced at national level	(doa)	dor + 6 months
• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	dor + 12 months
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	dor + 36 months (to be confirmed or modified when voting)

IEC 62976

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Industrial non-destructive testing equipment – Electron linear accelerator

Appareils destinés aux essais non destructifs pour le secteur industriel – Accélérateur électronique linéaire

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 27.120.01

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INDUSTRIAL NON-DESTRUCTIVE TESTING EQUIPMENT – ELECTRON LINEAR ACCELERATOR

AMENDMENT 1

FOREWORD

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Amendment 1 to IEC 62976:2017 has been prepared by IEC technical committee 45: Nuclear instrumentation.

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

Draft	Report on voting
45/920/CDV	45/929/RVC

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

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications/.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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

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1 Scope

Replace the first sentence with the following text:

This document gives the rules of naming, technical requirements, test methods, inspection, signage, packaging, transportation, storage and accompanying documents for electron linear accelerator equipment for Non-Destructive Testing (NDT).

6.4.3 X-ray beam air kerma rate

Replace the first sentence with the following text:

Place the dosimeter probes in front and 1 m far from the target at the center of X ray beam axis, set the standard dosimeter mode to “dose” and measure 3 sets of time and dose during the beam test, calculate the average value of X-ray beam air kerma rate, then multiply the calibration factor of the dosimeter probe and the air density correction factor.

8 Marking, packaging, transportation, storage and accompanying documents

Replace the title of this clause as follows:

8 Signage, packaging, transportation, storage and accompanying documents

8.1 Marking

Replace the title of this subclause as follows:

8.1 Signage

8.5.2 Product certification

Replace the title of this subclause as follows:

8.5.2 Supplier’s declaration of conformity

Replace the first sentence with the following text: