SLOVENSKI STANDARD
oSIST prEN IEC 62244:2020

01-november-2020

Instrumenti za zaščito pred sevanjem - Vgrajeni monitorji sevanja (RPM) za odkrivanje nedovoljenega prometa z radioaktivnimi in jedrskimi snovmi

Radiation protection instrumentation - Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials

Strahlenschutz-Messgeräte - Fest installierte Portalmonitore für den Nachweis des unerlaubten Transports von radioaktiven Stoffen und spaltbarem Nuklearmaterial

Instrumentation pour la radioprotection Moniteurs de rayonnement installés (RPMs) pour la détection du trafic illicite des matières radioactives et nucléaires

Ta slovenski standard je istoveten z: **prEN IEC 62244:2020**

ICS:

13.280	Varstvo pred sevanjem	Radiation protection

oSIST prEN IEC 62244:2020 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN IEC 62244

September 2020

ICS 13.280

Will supersede EN 62244:2011 and all of its amendments and corrigenda (if any)

English Version

Radiation protection instrumentation - Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials (IEC 62244:2019)

Instrumentation pour la radioprotection ¿ Moniteurs de rayonnement installés (RPMs) pour la détection du trafic illicite des matières radioactives et nucléaires (IEC 62244:2019)

Strahlenschutz-Messgeräte - Fest installierte Portalmonitore für den Nachweis des unerlaubten Transports von radioaktiven Stoffen und spaltbarem Nuklearmaterial (IEC 62244:2019)

This draft European Standard is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2020-12-18.

The text of this draft consists of the text of IEC 62244:2019.

If this draft becomes a European Standard, CENELEC 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 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, Turkey 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 62244:2020) consists of the text of document IEC 62244:2019, prepared by IEC/TC 45 "Radiation protection instrumentation"

This document is currently submitted to the CENELEC 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)

This document will supersede EN 62244:2011 and all of its amendments and corrigenda (if any)

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 When 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.

Publication	Year	Title	EN/HD	Year
IEC 60050-395	-	International Electrotechnical Vocabulary - Part 395: Nuclear instrumentation: Physical phenomena, basic concepts, instruments, systems, equipment and detectors	-	-
IEC 60068-2-5	-	Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering	EN IEC 60068-2-5	-
IEC 60068-2-11	-	Basic environmental testing procedures - Part 2-11: Tests - Test Ka: Salt mist	EN 60068-2-11	-
IEC 61187 (mod)	-	Electrical and electronic measuring equipment - Documentation	EN 61187	-
			+EN 61187:1994/corrigendum Mar. 1995	1995
IEC 62706	-	Radiation protection instrumentation - Environmental, electromagnetic and mechanical performance requirements	-	-
IEC 62755	-	Radiation protection instrumentation - Data format for radiation instruments used in the detection of illicit trafficking of radioactive materials	-	-

IEC 62244

Edition 2.0 2019-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Radiation protection instrumentation – Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials

Instrumentation pour la radioprotection – Portiques de détection des rayonnements (RPM) installés pour la détection du trafic illicite de matières radioactives et nucléaires

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 13.280

ISBN 978-2-8322-6660-1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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RADIATION PROTECTION INSTRUMENTATION – INSTALLED RADIATION PORTAL MONITORS (RPMS) FOR THE DETECTION OF ILLICIT TRAFFICKING OF RADIOACTIVE AND NUCLEAR MATERIALS

FOREWORD

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International Standard IEC 62244 has been prepared by subcommittee 45B: Radiation protection instrumentation, of IEC technical committee 45: Nuclear instrumentation.

This second edition cancels and replaces the first edition issued in 2006. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) making the standard consistent with the new standards for detection of illicit trafficking of radioactive material (see the Introduction);
b) creating unformed functionality test for all environmental, electromagnetic and mechanical tests and a requirement for the coefficient of variation of each nominal mean reading;
c) reference to IEC 62706 for the environmental, electromagnetic and mechanical test conditions;

d) adding information regarding climatic exposures.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
45B/929/FDIS	45B/930/RVD

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://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.