

Instrumentación de radioprotección. Monitores de portal basados en espectroscopia utilizados para la detección e identificación de tráfico ilícito de material radiactivo. (Ratificada por la Asociación Española de Normalización en enero de 2022.)

UNE-EN IEC 62484:2021

Instrumentación de radioprotección. Monitores de portal basados en espectroscopia utilizados para la detección e identificación de tráfico ilícito de material radiactivo. (Ratificada por la Asociación Española de Normalización en enero de 2022.)

Radiation protection instrumentation - Spectrometric radiation portal monitors (SRPMs) used for the detection and identification of illicit trafficking of radioactive material (Endorsed by Asociación Española de Normalización in January of 2022.)

Instrumentation pour la radioprotection - Portiques spectrométriques de détection des rayonnements (SRPM) utilisés pour la détection et l'identification du trafic Illicite des matières radioactives (Entérinée par l'Asociación Española de Normalización en janvier 2022.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN IEC 62484:2021 (Fecha de disponibilidad 2021-12-03)

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La correspondiente versión oficial de este documento se encuentra disponible en la Asociación Española de Normalización (Génova 6 28004 MADRID, www.une.org).

Las observaciones a este documento han de dirigirse a:

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EUROPEAN STANDARD

EN IEC 62484

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2021

ICS 13.280

Supersedes EN 62484:2015 and all of its amendments
and corrigenda (if any)

English Version

**Radiation protection instrumentation - Spectrometric radiation
portal monitors (SRPMs) used for the detection and identification
of illicit trafficking of radioactive material
(IEC 62484:2020)**

Instrumentation pour la radioprotection - Portiques
spectrométriques de détection des rayonnements (SRPM)
utilisés pour la détection et l'identification du trafic illicite
des matières radioactives
(IEC 62484:2020)

Strahlenschutz-Messgeräte - Auf Spektroskopie basierende
Portalmonitore für den Nachweis und die Identifikation des
unerlaubten Handels mit radioaktiven Stoffen
(IEC 62484:2020)

This European Standard was approved by CENELEC on 2021-12-02. 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.

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 European Standard 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

European foreword

This document (EN IEC 62484:2021) consists of the text of IEC 62484:2020 prepared by IEC/SC 45B "Radiation protection instrumentation" of IEC/TC 45 "Nuclear instrumentation".

- latest date by which this document has to be (dop) 2022-12-02 implemented at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards (dow) 2024-12-02 conflicting with this document have to be withdrawn

This document supersedes EN 62484:2015 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 62484:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60038	NOTE	Harmonized as EN 60038
IEC 60068-2-11	NOTE	Harmonized as EN IEC 60068-2-11
IEC 60068-2-75	NOTE	Harmonized as EN 60068-2-75
IEC 60846 (series)	NOTE	Harmonized as EN 60846 (series)
IEC 62244	NOTE	Harmonized as EN IEC 62244
IEC 62327	NOTE	Harmonized as EN IEC 62327
IEC 62401	NOTE	Harmonized as EN IEC 62401
IEC 62484	NOTE	Harmonized as EN 62484
IEC 62533	NOTE	Harmonized as EN 62533
IEC 62534	NOTE	Harmonized as EN 62534
IEC 62618	NOTE	Harmonized as EN 62618
IEC 62694	NOTE	Harmonized as EN 62694
IEC 63121	NOTE	Harmonized as EN IEC 63121
ISO 4037-1	NOTE	Harmonized as EN ISO 4037-1
ISO 4037-2	NOTE	Harmonized as EN ISO 4037-2
ISO 4037-3	NOTE	Harmonized as EN ISO 4037-3

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 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 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	-	-
IAEA-TECDOC-1311:	2002	Prevention of the inadvertent movement and illicit trafficking of radioactive materials	-	-