

Instrumentación de protección radiológica. Dispositivos personales de alarma de radiación (PRD) para la detección del tráfico ilícito de material radiactivo (Ratificada por la Asociación Española de Normalización en noviembre de 2019.)

UNE-EN IEC 62401:2019

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Radiation protection instrumentation - Alarming personal radiation devices (PRDs) for the detection of illicit trafficking of radioactive material (Endorsed by Asociación Española de Normalización in November of 2019.)

Instrumentation pour la radioprotection - Dispositifs individuels d'alarme aux rayonnements pour la détection du trafic illicite des matières radioactives (Entérinée par l'Asociación Española de Normalización en novembre 2019.)

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 62401:2019 (Fecha de disponibilidad 2019-10-18)

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Las observaciones a este documento han de dirigirse a:

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EUROPEAN STANDARD

EN IEC 62401

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Radiation protection instrumentation - Alarming personal radiation devices (PRDs) for the detection of illicit trafficking of radioactive material
(IEC 62401:2017)**

Instrumentation pour la radioprotection - Dispositifs individuels d'alarme aux rayonnements pour la détection du trafic illicite des matières radioactives
(IEC 62401:2017)

To be completed
(IEC 62401:2017)

This European Standard was approved by CENELEC on 2019-10-07. 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

The text of document 45B/881/FDIS, future edition 2 of IEC 62401, prepared by SC 45B "Radiation protection instrumentation" of IEC/TC 45 "Nuclear instrumentation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62401:2019.

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) 2020-07-07
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-10-07

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Endorsement notice

The text of the International Standard IEC 62401:2017 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 60079-11 | NOTE | Harmonized as EN 60079-11 |
| IEC 60846-1 | NOTE | Harmonized as EN 60846-1 |
| IEC 61526 | NOTE | Harmonized as EN 61526 |
| IEC 62327 | NOTE | Harmonized as EN 62327 |

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 60068-2-11 | - | Basic environmental testing procedures Part 2-11: Tests - Test Ka: Salt mist | -EN 60068-2-11 | - |
| IEC 62706 | 2012 | 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 | | - |