



SLOVENSKI STANDARD

oSIST prEN IEC 62705:2025

01-december-2025

Jedrski objekti - Merilna in nadzorna oprema za zagotavljanje varnosti - Sistemi za nadzor sevanja (RMS) - Značilnosti in življenjski cikel

Nuclear facilities - Instrumentation and control important to safety - Radiation monitoring systems (RMS): Characteristics and lifecycle

Kerntechnische Anlagen - Leittechnische Systeme mit sicherheitstechnischer Bedeutung - Strahlungsüberwachungssysteme: Eigenschaften und Lebenszyklus

Installations nucléaires - Instrumentation et contrôle commande importants pour la sûreté - Systèmes de surveillance des rayonnements (RMS): Caractéristiques et cycle de vie

Ta slovenski standard je istoveten z: prEN IEC 62705:2025

<https://standards.iteh.ai/catalog/standards/sist/09285590-9591-435a-82b8-bbd1cb9fe1b3/osist-pren-iec-62705-2025>

ICS:

27.120.20 Jedrske elektrarne. Varnost Nuclear power plants. Safety

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en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN IEC 62705

October 2025

ICS 27.120.20

English Version

**Nuclear facilities - Instrumentation and control important to
safety - Radiation monitoring systems (RMS): Characteristics
and lifecycle
(IEC 62705:2022)**

Installations nucléaires - Instrumentation et contrôle
commande importants pour la sûreté - Systèmes de
surveillance des rayonnements (RMS): Caractéristiques et
cycle de vie
(IEC 62705:2022)

Kerntechnische Anlagen - Leittechnische Systeme mit
sicherheitstechnischer Bedeutung -
Strahlungsüberwachungssysteme: Eigenschaften und
Lebenszyklus
(IEC 62705:2022)

This draft European Standard is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2026-01-02.

The text of this draft consists of the text of IEC 62705:2022.

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, 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

prEN IEC 62705:2025 (E)**European foreword**

This document (prEN IEC 62705:2025) consists of the text of document IEC 62705:2022, prepared by IEC/SC 45A "Instrumentation, control and electrical power systems of nuclear facilities" 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 (doa) dav + 6 months
has to be announced at national level
- latest date by which this document has to be (dop) dav + 12 months
implemented at national level by publication of an
identical national standard or by endorsement
- latest date by which the national standards (dow) dav + 36 months
conflicting with this document have to be withdrawn (to be confirmed or
modified when voting)

As stated in the nuclear safety directive 2009/71/EURATOM, Chapter 1, Article 2, item 2, Member States are not prevented from taking more stringent safety measures in the subject-matter covered by the Directive, in compliance with Community law.

In a similar manner, this document does not prevent Member States from taking more stringent nuclear safety and/or security measures in the subject-matter covered by this document.

[oSIST prEN IEC 62705:2025](https://standards.iteh.ai/catalog/standards/sist/09285590-9591-435a-82b8-bbd1cb9fe1b3/osist-pren-iec-62705-2025)

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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 60532	-	Radiation protection instrumentation - Installed dose rate meters, warning assemblies and monitors - X and gamma radiation of energy between 50 keV and 7 MeV	-	-
IEC 60761-1	-	Equipment for continuous monitoring of radioactivity in gaseous effluents - Part 1: General requirements	EN 60761-1	-
IEC 60761-2	-	Equipment for continuous monitoring of radioactivity in gaseous effluents - Part 2: Specific requirements for radioactive aerosol monitors including transuranic aerosols	EN 60761-2	-
IEC 60761-3	-	Equipment for continuous monitoring of radioactivity in gaseous effluents - Part 3: Specific requirements for radioactive noble gas monitors	EN 60761-3	-
IEC 60761-4	-	Equipment for continuous monitoring of radioactivity in gaseous effluents - Part 4: Specific requirements for radioactive iodine monitors	EN 60761-4	-
IEC 60761-5	-	Equipment for continuous monitoring of radioactivity in gaseous effluents - Part 5: Specific requirements for tritium monitors	EN 60761-5	-
IEC 60768	-	Nuclear power plants - Instrumentation important to safety - Equipment for continuous in-line or on-line monitoring of radioactivity in process streams for normal and incident conditions	-	-
IEC/IEEE 60780-323	2016	Nuclear facilities - Electrical equipment important to safety - Qualification	EN 60780-323	2017
IEC 60861	-	Equipment for monitoring of radionuclides in liquid effluents and surface waters	EN 60861	-