



SLOVENSKI STANDARD

oSIST prEN IEC/IEEE 62582-4:2025

01-december-2025

Jedrske elektrarne - Merilna in nadzorna oprema za zagotavljanje varnosti - Metode za spremljanje stanja električne opreme - 4. del: Tehnike indukcijske oksidacije

Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 4: Oxidation induction techniques

Kernkraftwerke - Leittechnik mit sicherheitstechnischer Bedeutung - Zustandsüberwachung elektrischer Geräte - Teil 4: Oxidationsmethoden

Centrales nucléaires de puissance - Instrumentation et contrôle-commande importants pour la sûreté - Méthodes de surveillance de l'état des matériels électriques - Partie 4: Techniques d'induction à l'oxydation

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ICS:

27.120.20 Jedrske elektrarne. Varnost Nuclear power plants. Safety

oSIST prEN IEC/IEEE 62582-4:2025 en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN IEC/IEEE 62582-4

October 2025

ICS 27.120.20

English Version

**Nuclear power plants - Instrumentation and control important to
safety - Electrical equipment condition monitoring methods - Part
4: Oxidation induction techniques
(IEC/IEEE 62582-4:2022)**

Centrales nucléaires de puissance - Instrumentation et
contrôle-commande importants pour la sûreté - Méthodes
de surveillance de l'état des matériels électriques - Partie 4:
Techniques d'induction à l'oxydation
(IEC/IEEE 62582-4:2022)

Kernkraftwerke - Leittechnik mit sicherheitstechnischer
Bedeutung - Zustandsüberwachung elektrischer Geräte -
Teil 4: Oxidationsmethoden
(IEC/IEEE 62582-4:2022)

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/IEEE 62582-4:2022.

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.

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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.

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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

prEN IEC/IEEE 62582-4:2025 (E)**European foreword**

This document (prEN IEC/IEEE 62582-4:2025) consists of the text of document IEC/IEEE 62582-4:2022, 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.

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électriques –**

Partie 4: Techniques d'induction à l'oxydation

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