

BSI Standards Publication

Nuclear power plants — Instrumentation and control important to safety — Electrical equipment condition monitoring methods

Part 6: Insulation resistance

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Full document details: BS EN IEC/IEEE 62582-6:2021

National foreword

This British Standard is the UK implementation of EN IEC/IEEE 62582-6:2021. It is identical to IEC/IEEE 62582-6:2019. It supersedes BS IEC/IEEE 62582-6:2019, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee NCE/8, Instrumentation, Control & Electrical Systems of Nuclear Facilities.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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31 July 2021	This corrigendum renumbers BS IEC/IEEE 62582-6:2019 as BS EN IEC/IEEE 62582-6:2021

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC/IEEE 62582-6

July 2021

ICS 27.120.20

English Version

Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 6: Insulation resistance (IEC/IEEE 62582-6:2019)

Centrales nucléaires de puissance - Instrumentation et contrôle-commande importants pour la sûreté - Méthodes de surveillance de l'état des matériels électriques - Partie 6: Résistance d'isolement (IEC/IEEE 62582-6:2019)

Kernkraftwerke - Leittechnik mit sicherheitstechnischer Bedeutung - Zustandsüberwachung elektrischer Geräte - Teil 6: Isolationswiderstand (IEC/IEEE 62582-6:2019)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

This document (EN IEC/IEEE 62582-6:2021) consists of the text of IEC/IEEE 62582-6:2019 prepared by IEC/TC 45 "Nuclear instrumentation".

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) 2022-07-05
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-07-05

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

IEC 62631-3-3	NOTE	Harmonized as EN 62631-3-3
IEC/IEEE 60780-323	NOTE	Harmonized as EN 60780-323

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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.

Publication	Year	Title	EN/HD	Year
JCGM 100	2008	Evaluation of measurement data - Guide to the expression of uncertainty in measurement	-	-

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NUCLEAR POWER PLANTS – INSTRUMENTATION AND CONTROL IMPORTANT TO SAFETY – ELECTRICAL EQUIPMENT CONDITION MONITORING METHODS –

Part 6: Insulation resistance

FOREWORD

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International Standard IEC/IEEE 62582-6 has been prepared by subcommittee 45A: Instrumentation, control and electrical power systems of nuclear facilities, of IEC technical committee 45: Nuclear instrumentation, in cooperation with the Nuclear Power Engineering Committee of the Power & Energy Society of the IEEE][1], under the IEC/IEEE Dual Logo Agreement.

It is published as an IEC/IEEE dual logo standard.

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

FDIS	Report on voting
45A/1267/FDIS	45A/1277/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.

A list of all parts in the IEC/IEEE 62582 series, published under the general title *Nuclear power plants – Instrumentation and control important to safety – Electrical equipment condition monitoring methods*, can be found on the IEC website.

International standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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