

Centrales nucleares. Salas de control. Procedimientos informatizados (Ratificada por la Asociación Española de Normalización en agosto de 2019.)

UNE-EN IEC 62646:2019

Centrales nucleares. Salas de control. Procedimientos informatizados (Ratificada por la Asociación Española de Normalización en agosto de 2019.)

Nuclear power plants - Control rooms - Computer-based procedures (Endorsed by Asociación Española de Normalización in August of 2019.)

Centrales nucléaires de puissance - Salles de commande - Procédures informatisées (Entérinée par l'Asociación Española de Normalización en août 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 62646:2019 (Fecha de disponibilidad 2019-06-28)

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EUROPEAN STANDARD

EN IEC 62646

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2019

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English Version

**Nuclear power plants - Control rooms - Computer-based
procedures
(IEC 62646:2016)**

Centrales nucléaires de puissance - Salles de commande -
Procédures informatisées
(IEC 62646:2016)

Kernkraftwerke - Warten - Rechnerunterstützte Prozeduren
(IEC 62646:2016)

This European Standard was approved by CENELEC on 2019-06-17. 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

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European foreword

This document (EN IEC 62646:2019) consists of the text of IEC 62646:2016 prepared by IEC/SC 45A: "Instrumentation, control and electrical power systems of nuclear facilities", of IEC/TC 45: "Nuclear instrumentation".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-06-17
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2022-06-17

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 European standard does not prevent Member States from taking more stringent nuclear safety and/or security measures in the subject-matter covered by this standard.

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Endorsement notice

The text of the International Standard IEC 62646:2016 was approved by CENELEC as a European Standard without any modification.

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 When 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 60880	-	Nuclear power plants - Instrumentation and control systems important to safety - Software aspects for computer-based systems performing category A functions	EN 60880	-
IEC 60964	2009	Nuclear power plants - Control rooms - Design	EN 60964	2010
IEC 60965	2016	Nuclear power plants - Control rooms - Supplementary control room for reactor shutdown without access to the main control room	EN 60965	2016
IEC 61513	-	Nuclear power plants - Instrumentation and control important to safety - General requirements for systems	EN 61513	-
IEC 61772	2009	Nuclear power plants - Control rooms - Application of visual display units (VDUs)	EN 61772	2013
IEC 61839	-	Nuclear power plants - Design of control rooms - Functional analysis and assignment	EN 61839	-
IEC 62138	-	Nuclear power plants - Instrumentation and control systems important to safety - Software aspects for computer-based systems performing category B or C functions	EN 62138	-
IEC 62241	2004	Nuclear power plants - Main control room - Alarm functions and presentation	EN 62241	2015
ISO 11064	series	Ergonomic design of control centres	EN ISO 11064	series
ISO 11064-1	-	Ergonomic design of control centres - Part 1: Principles for the design of control centres	EN ISO 11064-1	-
ISO 11064-3	-	Ergonomic design of control centres - Part 3: Control room layout	EN ISO 11064-3	-
ISO 11064-4	-	Ergonomic design of control centres - Part 4: Layout and dimensions of workstations	EN ISO 11064-4	-
ISO 11064-5	-	Ergonomic design of control centres - Part 5: Displays and controls	EN ISO 11064-5	-