

Seguridad funcional. Sistemas instrumentados de seguridad para el sector de la industria de procesos. Parte 2: Directrices para la aplicación de la Norma IEC 61511-1. (Ratificada por la Asociación Española de Normalización en junio de 2017.)

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Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC61511-1 (Endorsed by Asociación Española de Normalización in June of 2017.)

Sécurité fonctionnelle - Systèmes instrumentés de sécurité pour le secteur des industries de transformation - Partie 2: Lignes directives pour l'application de l'IEC 61511-1 (Entérinée par l'Asociación Española de Normalización en juin 2017.)

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 61511-2:2017 (Fecha de disponibilidad 2017-04-21)

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EUROPEAN STANDARD

EN 61511-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2017

ICS 13.110; 25.040.01

Supersedes EN 61511-2:2004

English Version

**Functional safety - Safety instrumented systems for the process
industry sector - Part 2: Guidelines for the application of IEC
61511-1
(IEC 61511-2:2016)**

Sécurité fonctionnelle - Systèmes instrumentés de sécurité
pour le secteur des industries de transformation - Partie 2:
Lignes directives pour l'application de l'IEC 61511-1
(IEC 61511-2:2016)

Funktionale Sicherheit - PLT-Sicherheitseinrichtungen für
die Prozessindustrie - Teil 2: Anleitungen zur Anwendung
des Teils 1
(IEC 61511-2:2016)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 65A/783/FDIS, future edition 2 of IEC 61511-2, prepared by SC 65A "System aspects" of IEC/TC 65 "Industrial process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61511-2:2017.

The following dates are fixed:

- latest date by which the document has to be (dop) 2017-10-21
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2020-04-21
standards conflicting with the
document have to be withdrawn

This document supersedes EN 61511-2:2004.

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

IEC 60880:2006	NOTE	Harmonized as EN 60880:2009.
IEC 61025:2006	NOTE	Harmonized as EN 61025:2007.
IEC 61078:2006	NOTE	Harmonized as EN 61078:2006.
IEC 61131-3:2013	NOTE	Harmonized as EN 61131-3:2013.
IEC 61165:2006	NOTE	Harmonized as EN 61165:2006.
IEC 61508-1:2010	NOTE	Harmonized as EN 61508-1:2010.
IEC 61508-2:2010	NOTE	Harmonized as EN 61508-2:2010.
IEC 61508-3:2010	NOTE	Harmonized as EN 61508-3:2010.
IEC 61508-6:2010	NOTE	Harmonized as EN 61508-6:2010.
IEC 61508-6:2010	NOTE	Harmonized as EN 61508-6:2010.
IEC 62061:2005	NOTE	Harmonized as EN 62061:2005.
IEC 62502:2010	NOTE	Harmonized as EN 62502:2010.
IEC 62551:2012	NOTE	Harmonized as EN 62551:2012.
ISO 9000:2015	NOTE	Harmonized as EN ISO 9000:2015.

ISO 10418:2003	NOTE	Harmonized as EN ISO 10418:2003.
ISO/TR 12489:2013	NOTE	Harmonized as CEN ISO/TR 12489:2016.
ISO 17776:2000	NOTE	Harmonized as EN ISO 17776:2002.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 61511-1	2016	Functional safety - Safety instrumented systems for the process industry sector - Normative (uon) -- Part 1: Framework, definitions, system, hardware and software requirements	EN 61511-1	2016



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