



BSI Standards Publication

Functional safety - Safety instrumented systems for the process industry sector

Part 0: Functional safety for the process industry and IEC 61511

National foreword

This Published Document is the UK implementation of CLC IEC/TR 61511-0:2019. It is identical to IEC TR 61511-0:2018.

The UK participation in its preparation was entrusted to Technical Committee GEL/65/1, System considerations.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
31 July 2019	This corrigendum renumbers PD IEC TR 61511-0:2018 as PD CLC IEC/TR 61511-0:2019

English Version

**Functional safety - Safety instrumented systems for the process
industry sector - Part 0: Functional safety for the process
industry and IEC 61511
(IEC/TR 61511-0:2018)**

Sécurité fonctionnelle - Systèmes instrumentés de sécurité
pour le secteur des industries de transformation - Partie 0:
Sécurité fonctionnelle relative aux industries de
transformation et l'IEC 61511
(IEC/TR 61511-0:2018)

Funktionale Sicherheit - PLT-Sicherheitseinrichtungen für
die Prozessindustrie - Teil 0: Funktionale Sicherheit für die
Prozessindustrie und IEC 61511
(IEC/TR 61511-0:2018)

This Technical Report was approved by CENELEC on 2019-07-01.

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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 (CLC IEC/TR 61511-0:2019) consists of the text of IEC/TR 61511-0:2018 prepared by IEC/SC 65A "System aspects", of IEC technical committee 65 "Industrial-process measurement, control and automation".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC/TR 61511-0:2018 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 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 61511-1	2016	Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and application programming requirements	EN 61511-1	2017
IEC 61511-2	2016	Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1:2016	EN 61511-2	2017
IEC 61511-3	2016	Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels	EN 61511-3	2017