SVENSK STANDARD SS-EN IEC 61318

Fastställd	Utgåva	Sida	Ansvarig kommitté
2022-02-16	2	1 (1+17)	SEK TK 78

Arbete med spänning – Metoder för bedömning av defekter och verifiering av prestanda för verktyg, anordningar och utrustning

Live working –
Methods for assessment of defects and verification of performance applicable to tools, devices and equipment

Som svensk standard gäller europastandarden EN IEC 61318:2021. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 61318:2021.

Nationellt förord

Europastandarden EN IEC 61318:2021

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC
– **IEC 61318, Fourth edition, 2021 - Live working - Methods for assessment of defects and verification of performance applicable to tools, devices and equipment**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare fastställd svensk standard SS-EN 61318, utgåva 1, 2008, gäller ej fr o m 2024-08-03.

ICS 13.260.00; 29.240.20; 29.260.99

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Det finns många fördelar med att ha gemensamma tekniska regler för bl a mätning, säkerhet och provning och för utförande, skötsel och dokumentation av elprodukter och elanläggningar.

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Stora delar av arbetet sker internationellt

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61318

August 2021

ICS 13.260; 29.240.20; 29.260.99

Supersedes EN 61318:2008 and all of its amendments and corrigenda (if any)

English Version

Live working - Methods for assessment of defects and verification of performance applicable to tools, devices and equipment (IEC 61318:2021)

Travaux sous tension - Méthodes d'évaluation des défauts et vérification des performances applicables aux outils, dispositifs et équipement (IEC 61318:2021)

Arbeiten unter Spannung - Maßnahmen zur Bewertung von Fehlern und zum Nachweis von Betriebseigenschaften für Werkzeuge, Geräte und Ausrüstungen (IEC 61318:2021)

This European Standard was approved by CENELEC on 2021-08-03. 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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN IEC 61318:2021 E

European foreword

The text of document 78/1339/FDIS, future edition 4 of IEC 61318, prepared by IEC/TC 78 “Live working” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61318:2021.

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) 2022–05–03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–08–03

This document supersedes EN 61318:2008 and all of its amendments and corrigenda (if any).

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.

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Endorsement notice

The text of the International Standard IEC 61318:2021 was approved by CENELEC as a European Standard without any modification.

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

IEC 61481-2:2014 NOTE Harmonized as EN 61481-2:2014 (not modified)

ISO 9000:2015 NOTE Harmonized as EN ISO 9000:2015 (not modified)

ISO 16426:2002 NOTE Harmonized as EN ISO 16426:2002 (not modified)

IEC 61318

Edition 4.0 2021-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Live working – Methods for assessment of defects and verification of performance applicable to tools, devices and equipment

Travaux sous tension – Méthodes d'évaluation des défauts et vérification des performances applicables aux outils, dispositifs et équipement

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 13.260; 29.240.20; 29.260.99

ISBN 978-2-8322-9907-4

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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LIVE WORKING – METHODS FOR ASSESSMENT OF DEFECTS AND VERIFICATION OF PERFORMANCE APPLICABLE TO TOOLS, DEVICES AND EQUIPMENT

FOREWORD

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International Standard IEC 61318 has been prepared by IEC technical committee 78: Live working.

This fourth edition cancels and replaces the third edition published in 2007. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) change of the purpose of the document from a prescriptive testing standard to a standard assisting the project team in the conformance to respective product standard;
b) introduction of conformance test, record of process, quality control documentation, adapted to the standard product;
c) change of prescribed sampling procedure to adapted *sampling tests* to the product standard;

d) suppression of the term “conformity assessment”;

e) Introduction of the term “verification method” replacing “conformity assessment application”.

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

FDIS	Report on voting
78/1339/FDIS	78/1353/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

In this document, the following characters are used:

– requirements: roman characters;

– terms defined in Clause 3*: italics*.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This document is applied by each IEC Live Working product standard for the purpose of assessing whether or not each product meets the requirements of the relevant product standard.

LIVE WORKING – METHODS FOR ASSESSMENT OF DEFECTS AND VERIFICATION OF PERFORMANCE APPLICABLE TO TOOLS, DEVICES AND EQUIPMENT

1 Scope

This document defines methods to assess defects and to verify that products after the manufacturer process meet the requirements of the corresponding product standard.

The principles of assessment of defects for live working products are detailed in this document to assist product standard developers in prescribing the best means to achieve suitable quality of every finished tool, device and piece of equipment.

The following elements are not covered by the present document, but are included in each product standard:

– *type tests*;
– provisions and description for *routine, sampling* and *acceptance tests*;
– identification and classification of defects;
– *risk analysis.*

This document does not cover conformity assessment of commercial shipments or certifications.

2 Normative references

There are no normative referenced documents.