

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 61318:2021 sisaldab Euroopa standardi EN IEC 61318:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 61318:2021 consists of the English text of the European standard EN IEC 61318:2021.
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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)

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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

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:

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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)

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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



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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.

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- 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.

This document is a preview generated by EVS

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.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

acceptance test

contractual test to prove to the customer that the item meets certain conditions of its specification

[SOURCE: IEC 60050-151:2001, 151-16-23, modified – The main term "hand-over test" has been deleted.]