

Live working - Conformity assessment applicable to tools, devices and equipment

Live working - Conformity assessment applicable to tools, devices and equipment

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 61318:2008 sisaldab Euroopa standardi EN 61318:2008 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 24.07.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on .</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 61318:2008 consists of the English text of the European standard EN 61318:2008.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 24.07.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text .</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

ICS 13.260, 29.240.20, 29.260.99

Võtmesõnad:

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

**Live working -
Conformity assessment applicable to tools, devices and equipment
(IEC 61318:2007)**

Travaux sous tension -
Evaluation de la conformité applicable
à l'outillage, au matériel et aux dispositifs
(CEI 61318:2007)

Arbeiten unter Spannung –
Konformitätsbewertung anwendbar
auf Werkzeuge, Geräte und Ausrüstungen
(IEC 61318:2007)

This European Standard was approved by CENELEC on 2008-04-16. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 78/705/FDIS, future edition 3 of IEC 61318, prepared by IEC TC 78, Live working, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61318 on 2008-04-16.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2009-02-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2013-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61318:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61243-1 NOTE Harmonized as EN 61243-1:2005 (modified).

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 2859	Series	Sampling procedures for inspection by attributes	-	-

CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 General	8
5 Categories of tests	8
5.1 Overview.....	8
5.2 Routine tests	9
5.3 Sampling tests.....	9
5.4 Acceptance tests	9
6 Sampling procedure	9
Annex A (informative) Acceptance test.....	10
Annex B (informative) Recommendations for developing and applying equivalent alternative test methods.....	11
Annex C (informative) Classification of defects and tests to be allocated	12
Bibliography.....	14
Table C.1 – Classification of defects and associated requirements and tests	13

INTRODUCTION

This publication provides elements for product conformity assessment.

This standard is specified in each IEC product standard for live working for the purpose of assessing that products having completed the production phase meet the requirements of the relevant product standard.

It can be used as a basis for production certification.

TC 78 prepares product standards which include requirements and normative tests for design input (type tests).

Product conformity assessment elements related to the production phase (among them is the procedure to associate routine and sampling tests to the classification of defects) are included in the present standard.

This publication does not cover conformity of commercial shipments. Shipments can contain products coming from several production batches. Batches are here understood as related to production.

This publication is not a quality management systems standard.

LIVE WORKING – CONFORMITY ASSESSMENT APPLICABLE TO TOOLS, DEVICES AND EQUIPMENT

1 Scope

This International Standard provides elements for product conformity assessment. Critical defects on tools, devices and equipment for live working are not acceptable. Major defects on tools, devices and equipment for live working are likely to result in failure or in a significant reduction of functionality, while minor defects do not reduce significantly the functionality.

This standard defines assessment methods for products having completed production phase to assure that they conform to the requirements of the corresponding product standard. It is to be used in conjunction with live working corresponding product standards.

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

- type tests;
- provisions and description for sampling and routine tests;
- the identification and classification of the corresponding defects resulting from a risk analysis.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 2859 (all parts), *Sampling procedures for inspection by attributes*

3 Terms and definitions

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

NOTE Some of the terms and definitions below have been modified in order to apply more exactly to live working product standards.

3.1

acceptance quality limit

AQL

maximum per cent defective (or the maximum number of defects per 100 items) for purposes of sampling inspections, that can be considered satisfactory as a process average

[ISO 2859-1, Definition 3.1.26, modified]

3.2

acceptance test

contractual test to prove to the customer that the item(s) meet(s) certain conditions of its specification

[IEV 151-16-23, modified]