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Arbete med spänning – Bedömning av överensstämmelse för verktyg, utrustning och anordningar

Live working –

Conformity assessment applicable to tools, devices and equipment

Som svensk standard gäller europastandarden EN 61318:2008. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61318:2008.

Nationellt förord

Europastandarden EN 61318:2008

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61318, Third edition, 2007 - Live working - Conformity assessment applicable to tools, devices and equipment**

utarbetad inom International Electrotechnical Commission, IEC.

ICS 13.260; 29.240.20; 29.260.99

Denna standard är fastställd av SEK Svensk Elstandard, som också kan lämna upplysningar om **sakinnehållet** i standarden.
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Standarder underlättar utvecklingen och höjer elsäkerheten

Det finns många fördelar med att ha gemensamma tekniska regler för bl a säkerhet, prestanda, dokumentation, utförande och skötsel av elprodukter, elanläggningar och metoder. Genom att utforma sådana standarder blir säkerhetskraven tydliga och utvecklingskostnaderna rimliga samtidigt som marknadens acceptans för produkten eller tjänsten ökar.

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Stora delar av arbetet sker internationellt

Utformningen av standarder sker i allt väsentligt i internationellt och europeiskt samarbete. SEK är svensk nationalkommitté av International Electrotechnical Commission (IEC) och Comité Européen de Normalisation Electrotechnique (CENELEC).

Standardiseringsarbetet inom SEK är organiserat i referensgrupper bestående av ett antal tekniska kommittéer som speglar hur arbetet inom IEC och CENELEC är organiserat.

Arbetet i de tekniska kommittéerna är öppet för alla svenska organisationer, företag, institutioner, myndigheter och statliga verk. Den årliga avgiften för deltagandet och intäkter från försäljning finansierar SEKs standardiseringsverksamhet och medlemsavgift till IEC och CENELEC.

Var med och påverka!

Den som deltar i SEKs tekniska kommittéarbete har möjlighet att påverka framtida standarder och får tidig tillgång till information och dokumentation om utvecklingen inom sitt teknikområde. Arbetet och kontakterna med kollegor, kunder och konkurrenter kan gynnsamt påverka enskilda företags affärsutveckling och bidrar till deltagarnas egen kompetensutveckling.

Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

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**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

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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).
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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

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*

