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Tillförlitlighetsverksamhet – Del 3-2: Riktlinjer – Insamling av tillförlitlighetsdata

*Dependability management –
Part 3-2: Application guide –
Collection of dependability data from the field*

Som svensk standard gäller europastandarden EN 60300-3-2:2005. Den svenska standarden innehåller den officiella engelska språkversionen av EN 60300-3-2:2005.

Nationellt förord

Europastandarden EN 60300-3-2:2005

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 60300-3-2, Second edition, 2004 - Dependability management - Part 3-2: Application guide - Collection of dependability data from the field**

utarbetad inom International Electrotechnical Commission, IEC.

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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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.

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EUROPEAN STANDARD

EN 60300-3-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

**Dependability management
Part 3-2: Application guide –
Collection of dependability data from the field
(IEC 60300-3-2:2004)**

Gestion de la sûreté de fonctionnement
Partie 3-2: Guide d'application –
Recueil de données de sûreté
de fonctionnement dans des conditions
d'exploitation
(CEI 60300-3-2:2004)

Zuverlässigkeitsmanagement
Teil 3-2: Anwendungsleitfaden -
Erfassung von Zuverlässigkeitsdaten
im Betrieb
(IEC 60300-3-2:2004)

This European Standard was approved by CENELEC on 2005-02-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 56/992/FDIS, future edition 2 of IEC 60300-3-2, prepared by IEC TC 56, Dependability, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60300-3-2 on 2005-02-01.

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) | 2005-11-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2008-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60300-3-2:2004 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 60300-3-1	NOTE	Harmonized as EN 60300-3-1:2004 (not modified).
IEC 60300-3-3	NOTE	Harmonized as EN 60300-3-3:2004 (not modified).
IEC 60812	NOTE	Harmonized as HD 485 S1:1987 (not modified).
IEC 61014	NOTE	Harmonized as EN 61014:2003 (not modified).
IEC 61025	NOTE	Harmonized as HD 617 S1:1992 (not modified).
IEC 61078	NOTE	Harmonized as EN 61078:1993 (not modified).
IEC 61164	NOTE	Harmonized as EN 61164:2004 (not modified).
IEC 61703	NOTE	Harmonized as EN 61703:2002 (not modified).
IEC 61709	NOTE	Harmonized as EN 61709:1998 (not 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 Where 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>
IEC 60050-191	- 1)	International Electrotechnical Vocabulary (IEV) Chapter 191: Dependability and quality of service	-	-

1) Undated reference.

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DEPENDABILITY MANAGEMENT –

Part 3-2: Application guide – Collection of dependability data from the field

1 Scope

This part of IEC 60300 provides guidelines for the collection of data relating to reliability, maintainability, availability and maintenance support performance of items operating in the field. It deals in general terms with the practical aspects of data collection and presentation and briefly explores the related topics of data analysis and presentation of results. Emphasis is made on the need to incorporate the return of experience from the field in the dependability process as a main activity.

This standard can be applied during monitoring of a population sample or, more widely, of whole populations. It is applicable, without restriction to diverse items, from components to systems and networks, including hardware, software and man/machine interactions. The items considered may have been designed, manufactured, installed, operated and maintained by one or more organizations. This standard applies to all possible relationships between suppliers and users. It applies to situations where some items may be repaired on site while others may only be replaced on site and repaired at centralized facilities.

No recommendations are made, however, of how to organize maintenance support.

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.

IEC 60050-191, *International Electrotechnical Vocabulary (IEV) – Part 191: Dependability and quality of service*

