



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61014:2003**

ICS 03.100.40  
03.120.01  
21.020

National Standards  
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## **PROGRAMMES FOR RELIABILITY GROWTH**

**(IEC 61014:2003)**

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on:  
October 8, 2003*

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EUROPEAN STANDARD

**EN 61014**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2003

ICS 03.100.40; 03.120.01; 21.020

English version

**Programmes for reliability growth**  
(IEC 61014:2003)

Programmes de croissance de fiabilité  
(CEI 61014:2003)

Programme für das  
Zuverlässigkeitswachstum  
(IEC 61014:2003)

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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.

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**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 56/859/FDIS, future edition 2 of IEC 61014, prepared by IEC TC 56, Dependability, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61014 on 2003-09-01.

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) 2004-06-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2006-09-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61014:2003 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 61703	NOTE	Harmonized as EN 61703:2002 (not modified).
ISO 9000	NOTE	Harmonized as EN ISO 9000:2000 (not modified).
ISO 9001	NOTE	Harmonized as EN ISO 9001:2000 (not modified).

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## Annex ZA (normative)

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

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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>
IEC 60300-1	- <sup>1)</sup>	Dependability management Part 1: Dependability management systems	EN 60300-1	2003 <sup>2)</sup>
IEC 60300-2	- <sup>1)</sup>	Part 2: Dependability programme elements and tasks	EN 60300-2	1996 <sup>2)</sup>
IEC 60300-3-1	- <sup>1)</sup>	Part 3-1: Application guide - Analysis techniques for dependability - Guide on methodology	-	-
IEC 60300-3-5	2001	Part 3-5: Application guide - Reliability test conditions and statistical test principles	-	-
IEC 60605-2	- <sup>1)</sup>	Equipment reliability testing - Part 2: Design of test cycles	-	-
IEC 60605-3	Series	Equipment reliability testing - Part 3: Preferred test conditions	-	-
IEC 60605-4	- <sup>1)</sup>	Part 4: Statistical procedures for exponential distribution - Point estimates, confidence intervals, prediction intervals and tolerance intervals	-	-
IEC 60812	- <sup>1)</sup>	Analysis techniques for system reliability - Procedure for failure mode and effects analysis (FMEA)	HD 485 S1	1987 <sup>2)</sup>
IEC 61025	- <sup>1)</sup>	Fault tree analysis (FTA)	HD 617 S1	1992 <sup>2)</sup>
IEC 61160	- <sup>1)</sup>	Formal design review	-	-

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61164	- <sup>1)</sup>	Reliability growth - Statistical test and estimation methods	-	-

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