



**National Standards Authority of Ireland**

**IRISH STANDARD**

**I.S. EN 60706-2:2006**

ICS 03.120.01  
21.020

**MAINTAINABILITY OF EQUIPMENT -- PART  
2: MAINTAINABILITY REQUIREMENTS AND  
STUDIES DURING THE DESIGN AND  
DEVELOPMENT PHASE**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60706-2**

June 2006

ICS 03.120.01; 21.020

English version

**Maintainability of equipment**  
**Part 2: Maintainability requirements and studies**  
**during the design and development phase**  
(IEC 60706-2:2006)

Maintenabilité de matériel  
Partie 2 : Exigences et études de  
maintenabilité pendant la phase de  
conception et de développement  
(CEI 60706-2:2006)

Instandhaltbarkeit von Geräten  
Teil 2: Instandhaltbarkeitsanforderungen  
und Studien in der Entwicklungsphase  
(IEC 60706-2:2006)

This European Standard was approved by CENELEC on 2006-05-01. 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.

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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 56/1090/FDIS, future edition 2 of IEC 60706-2, prepared by IEC TC 56, Dependability, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60706-2 on 2006-05-01.

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) 2007-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-05-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60706-2:2006 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 60300-1	NOTE	Harmonized as EN 60300-1:2003 (not modified).
IEC 60300-2	NOTE	Harmonized as EN 60300-2:2004 (not modified).
IEC 60300-3	NOTE	Harmonized in 60300-3 series (not 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>
IEC 60050-191	1990	International Electrotechnical Vocabulary (IEV) Chapter 191: Dependability and quality of service	-	-
IEC 60300-3-1	- <sup>1)</sup>	Dependability management Part 3-1: Application guide - Analysis techniques for dependability - Guide on methodology	EN 60300-3-1	2004 <sup>2)</sup>
IEC 60300-3-3	- <sup>1)</sup>	Dependability management Part 3-3: Application guide - Life cycle costing	EN 60300-3-3	2004 <sup>2)</sup>
IEC 60300-3-10	2001	Dependability management Part 3-10: Application guide - Maintainability	-	-
IEC 60300-3-11	- <sup>1)</sup>	Dependability management Part 3-11: Application guide - Reliability centred maintenance	-	-
IEC 60300-3-12	- <sup>1)</sup>	Dependability management Part 3-12: Application guide - Integrated logistic support	EN 60300-3-12	2004 <sup>2)</sup>
IEC 60300-3-14	- <sup>1)</sup>	Dependability management Part 3-14: Application guide - Maintenance and maintenance support	EN 60300-3-14	2004 <sup>2)</sup>
IEC 60706-3	- <sup>1)</sup>	Maintainability of equipment Part 3: Verification and collection, analysis and presentation of data	-	-
IEC 60706-5	- <sup>1)</sup>	Guide on maintainability of equipment Part 5 - Section 4: Diagnostic testing	-	-
IEC 60812	- <sup>1)</sup>	Analysis techniques for system reliability - Procedure for failure mode and effects analysis (FMEA)	EN 60812	2006 <sup>2)</sup>
IEC 61025	- <sup>1)</sup>	Fault tree analysis (FTA)	HD 617 S1	1992 <sup>2)</sup>
IEC 61160	- <sup>1)</sup>	Design review	EN 61160	2005 <sup>2)</sup>

<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 61649	1997	Goodness-of-fit tests, confidence intervals and lower confidence limits for Weibull distributed data	-	-

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