



NSAI
Standards

Irish Standard
I.S. EN 61355-1:2008

Classification and designation of documents for plants, systems and equipment -- Part 1: Rules and classification tables (IEC 61355-1:2008 (EQV))

I.S. EN 61355-1:2008

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English version

**Classification and designation of documents for plants,
systems and equipment -
Part 1: Rules and classification tables
(IEC 61355-1:2008)**

Classification et désignation
des documents pour installations
industrielles, systèmes et matériels -
Partie 1: Règles et tableaux
de classification
(CEI 61355-1:2008)

Klassifikation und Kennzeichnung
von Dokumenten für Anlagen,
Systeme und Ausrüstungen -
Teil 1: Regeln und Tabellen
zur Klassifikation
(IEC 61355-1:2008)

This European Standard was approved by CENELEC on 2008-05-01. 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.

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

I.S. EN 61355-1:2008

EN 61355-1:2008

- 2 -

Foreword

The text of document 3/878/FDIS, future edition 2 of IEC 61355-1, prepared by IEC TC 3, Information structures, documentation and graphical symbols, in co-operation with ISO TC 10, Technical product documentation, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61355-1 on 2008-05-01.

This EN 61355-1:2008, together with the IEC 61355 database, replaces EN 61355:1997.

The main changes with respect to EN 61355:1997 are listed below:

- Table A.2 has been extended under code P;
- Table B.1 in EN 61355:1997 is replaced by a separate standard in database format: IEC 61355 DB.

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) 2011-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61355-1:2008 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 81346-1 | NOTE | Intended for harmonization as EN 81346-1 (not modified). |
| IEC 82045-1 | NOTE | Harmonized as EN 82045-1:2001 (not modified). |
| IEC 82045-2 | NOTE | Harmonized as EN 82045-2:2005 (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 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 61082-1	2006	Preparation of documents used in electrotechnology - Part 1: Rules	EN 61082-1	2006
IEC 62023	2000	Structuring of technical information and documentation	EN 62023	2000
ISO 639-1	2002	Codes for the representation of names of languages - Part 1: Alpha-2 code	-	-
ISO 3166-1	2006	Codes for the representation of names of countries and their subdivisions - Part 1: Country codes	EN ISO 3166-1	2006
ISO 7200	2004	Technical product documentation - Data fields in title blocks and document headers	EN ISO 7200	2004

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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	8
2 Normative references	8
3 Terms and definitions	8
4 Basic concepts on documents and documentation	10
4.1 General.....	10
4.2 Document kinds.....	11
4.3 Documents	11
4.4 Composite documents	11
4.5 Document sets	12
4.6 Documentation	12
5 Classification of documents	12
5.1 Classification principles.....	12
5.2 Assigning documents to classes.....	13
5.3 Assigning composite documents to classes	13
5.4 Layout of document kind classification code (DCC)	13
6 Document designation	15
6.1 Document and document page designation	15
6.2 Document designation for identification purposes.....	17
7 Documentation	17
8 Naming of document kinds and communication principles.....	19
8.1 Naming conventions of document kinds and documents	19
8.2 Communication about document interchange	20
Annex A (normative) Code letters	21
Annex B (informative) Additional information about document kinds for communication purposes.....	37
Annex C (informative) Communication about document interchange	39
Bibliography.....	42
Figure 1 – Interrelation of documentation-related terms	11
Figure 2 – Classification structure of documents	12
Figure 3 – Structure of document kind classification code	13
Figure 4 – Example of a document with changed technical area classification.....	14
Figure 5 – Principle of document designation.....	15
Figure 6 – Application of page counting number for page grouping	16
Figure 7 – Examples of structures of a system and of the object-related structure of the documentation	19
Figure C.1 – Document interchange list, general part.....	40
Figure C.2 – Document interchange list, object-related part	40
Figure C.3 – Document interchange list, filled-in example	41

I.S. EN 61355-1:2008

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– 3 –

Table A.1 – Code letters for technical areas.....	21
Table A.2 – DCC and descriptions of document kind classes	22
Table B.1 – Letter code for basic document kinds and forms of presentation	37

INTERNATIONAL ELECTROTECHNICAL COMMISSION

CLASSIFICATION AND DESIGNATION OF DOCUMENTS FOR PLANTS, SYSTEMS AND EQUIPMENT –

Part 1: Rules and classification tables

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61355-1 has been prepared by IEC technical committee 3: Information structures, documentation and graphical symbols in co-operation with ISO technical committee 10: Technical product documentation.

This second edition cancels and replaces the first edition published in 1997. This edition constitutes a technical revision.

The main changes with respect to the previous edition are listed below:

- Table A.2 has been extended under code P;
- Table B.1 in the first edition has been omitted from this second edition; it is being replaced by a separate standard in database format: [IEC 61355 DB](#).

The text of this standard is based on the following documents:

FDIS	Report on voting
3/878/FDIS	3/890/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of IEC 61355 series, published under the general title *Classification and designation of documents for plants, systems and equipment*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

Documentation is necessary for the provision of information for all activities during the life-cycle of technical products which include plants, systems and equipment. It may be produced in any phase or activity. Documents may be received from and delivered to other parties. Different parties may need different information or different views on the same information, depending on what is most suitable for the intended purpose.

In this part of IEC 61355 the term "document" is used in a very general sense. It covers information on all possible media on which data can be recorded. However, the description of document kinds is derived from the paper-based presentation of this information, i.e. how the information is made visible and readable for the user.

One aim of this standard is to establish a method for better communication and understanding between parties involved in document interchange. In order to get a basis for a system, it is necessary to disregard, more or less, what a document is called today. Different names are in use for the same document kind or the names may have different meanings for different parties. The purpose and object of interest are sometimes also part of document titles, which hampers general understanding. Therefore, the basis for a common understanding should be a document kind classification which is based only on the content of information.

Another aim is to cover the need for data retrieval as it is often based on the need for the information content of the document.

A third aim of this standard is to set up rules for a specific method of correlating documents and objects, i.e. to indicate to which object a specific document belongs. For this purpose, a document designation system is provided, linking the document kind designation to the object designation used within the plant, system or equipment. Following the rules and recommendations given, the documentation reflects the structure of the "real installation". By that also guidance is given for sorting and grouping as well as for structured searching for information, for example in document retrieval systems.

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CLASSIFICATION AND DESIGNATION OF DOCUMENTS FOR PLANTS, SYSTEMS AND EQUIPMENT –

Part 1: Rules and classification tables

1 Scope

This part of IEC 61355 provides rules and guidelines for the classification of documents based on their characteristic content of information. A letter-code indicating the document kind class is provided together with rules and guidelines for its application in a document designation code. This standard is relevant for documents in all technical areas which are in use during the life cycle of a plant, system or equipment.

NOTE The defined classes and codes are intended to be used as values associated with metadata in document management systems (see IEC 82045-1 and IEC 82045-2).

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 61082-1:2006, *Preparation of documents used in electrotechnology – Part 1: Rules*

IEC 62023:2000, *Structuring of technical information and documentation*

ISO 639-1:2002, *Code for the representation of names of languages – Part 1: Alpha-2 code*

ISO 3166-1:2006, *Codes for the representation of names of countries and their subdivisions – Part 1: Country codes*

ISO 7200:2004, *Technical product documentation – Data fields in title blocks and document headers*

3 Terms and definitions

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

3.1

data medium

material in or on which data can be recorded and from which data can be retrieved

[ISO/IEC 2382-1, definition 01.01.51]

3.2

document

fixed and structured amount of information intended for human perception that can be managed and interchanged as a unit between users and systems

NOTE 1 The term document is not restricted to its meaning in a legal sense.

NOTE 2 A document can be designated in accordance with the type of information and the form of presentation, for example overview diagram, connection table, function chart.

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