



SLOVENSKI STANDARD SIST EN ISO 4157-2:2002

01-februar-2002

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Construction drawings - Designation systems - Part 2: Room names and numbers (ISO 4157-2:1998)

Zeichnungen für das Bauwesen - Bezeichnungssysteme - Teil 2: Raum-Namen und - Nummern (ISO 4157-2:1998)

Dessins de bâtiment - Systemes de désignation - Partie 2: Noms et numéros de pieces (ISO 4157-2:1998)

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Ta slovenski standard je istoveten z: **EN ISO 4157-2:1998**

ICS:

01.100.30 Ō!æà^} ã æ |ã Construction drawings

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 4157-2

December 1998

ICS 01.100.30

Descriptors: See ISO document

English version

Construction drawings - Designation systems - Part 2: Room
names and numbers (ISO 4157-2:1998)

Dessins de bâtiment - Systèmes de désignation - Partie 2:
Noms et numéros de pièces (ISO 4157-2:1998)

This European Standard was approved by CEN on 21 November 1998.

CEN 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 CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard ISO 4157-2:1998 has been prepared by Technical Committee ISO/TC 10 "Technical drawings, product definition and related documentation" in collaboration with CEN/CS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 1999, and conflicting national standards shall be withdrawn at the latest by June 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

NOTE FROM CEN/CS: The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

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Endorsement notice
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The text of the International Standard ISO 4157-2:1998 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO
4157-2

Second edition
1998-12-01

Construction drawings — Designation systems —

Part 2: Room names and numbers

*Dessins de bâtiment — Systèmes de désignation —
Partie 2: Noms et numéros de pièces*
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Reference number
ISO 4157-2:1998(E)

ISO 4157-2:1998(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 4157-2 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 8, *Construction documentation*.

This second edition cancels and replaces the first edition (ISO 4157-2:1982), which has been technically revised.

ISO 4157 consists of the following parts, under the general title *Construction drawings — Designation systems*:

— *Part 1: Buildings and parts of buildings*

— *Part 2: Room names and numbers*

— *Part 3: Room identifiers*

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Construction drawings — Designation systems —

Part 2: Room names and numbers

1 Scope

This part of ISO 4157 specifies requirements for designation systems for rooms, areas, spaces, and voids in buildings by room names and numbers. It is intended for identification of rooms in the daily use of the buildings.

For identification of rooms in a project throughout its life-cycle, i.e. conception, programming, planning, erection, maintenance, remodelling and demolition phases, see ISO 4157-3.

2 Normative reference

The following standard contains provisions, which through reference in this text, constitute provisions of this part of ISO 4157. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 4157 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

[https://standards.iteh.ai/catalog/standards/sist/16d240e7-318e-45a6-8ae1-](https://standards.iteh.ai/catalog/standards/sist/16d240e7-318e-45a6-8ae1-44fd572e027/sist-en-iso-4157-2-2002)

ISO 4157-1:1998, *Construction drawings — Designation systems — Part 1: Buildings and parts of buildings.*

3 Definitions

For the purposes of this part of ISO 4157, the definitions given in ISO 4157-1 apply.

4 Room number principle

4.1 Logical order

Room numbers shall be assigned to all rooms on each floor in a logical order, preferably consecutive, starting with number n01 (where n indicates floor number) within the limits of all the parts of the building. Such limits need not be physical walls, so that outdoor or covered areas which are appropriate to include in the numbering system may be assigned room numbers, e.g. an enclosed garden, a pool area, a carport, a covered loggia and in-between spaces.

4.2 Separate buildings

If several buildings are included in one building project, room numbers shall be allocated independently to each building in accordance with 4.1. Separate buildings may be adjacent to each other, and may be interconnected by doors or openings.

4.3 Indication on drawings

4.3.1 General

The room numbers and the assigned room names of the rooms shall be indicated within each room on the appropriate drawings (see figure 1).

<u>324</u> RECEPTION	<u>325</u> STAIRCASE	<u>326</u> CONFERENCE ROOM
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Figure 1 — Example of room names and numbers in the third storey

For clarity, room numbers and room names shall be underlined on drawings.

In the physical building, the identical designation (e.g. as shown in figure 1) shall be posted clearly at the door or by the opening to the respective room, however not underlined. This does not apply in reverse, e.g. from an office back to the corridor.

4.3.2 Small rooms

In small rooms, it is sufficient to indicate only the room numbers on drawings, as shown in figure 2.

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Figure 2 — Example of a small room without room name
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However, the room names of such small rooms shall be indicated in tabular form on the same drawing sheet, unless a symbol meaning toilet, sink, clothes rack, etc. clearly advises its use.

4.4 Numbering rules

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4.4.1 Room number

A room number should preferably be given as a two-digit number preceded by the floor number of the building. The two-digit numbers are consecutive numbers, allocated to each room in the storey in question.

EXAMPLE

Floor 1: Room numbers 101-199

Floor 2: Room numbers 201-299

Floor 3: Room numbers 301-399

...

Floor 17: Room numbers 1701-1799

etc.

Two-, four-, or five-digit room numbers shall only be used in extremely small or large buildings where zeroes (0) are decidedly not superfluous or necessary. When two- or four-digit room numbers are chosen, all room numbers in a building shall have the same number of digits, except for the floors that have a floor number greater than 9.

EXAMPLE

Floor 1: Room numbers 11-19 or 1001-1999

Floor 2: Room numbers 21-29 or 2001-2999

Floor 3: Room numbers 31-39 or 3001-3999

...

Floor 17: Room numbers 171-179 or 17001-17999

etc.

4.4.2 "ROOM 0" principle

No room shall be numbered zero on any floor, i.e. room numbers such as 20, 300, 4000 shall not be used for rooms. Such room numbers are reserved for the eventual need to number the exterior of a building. "ROOM 0" shall be the engulfing exterior on all sides.

EXAMPLE 1

"ROOM 300" means the exterior of the third floor.

EXAMPLE 2

A wall between 300 and 317 is an exterior wall between room 317 and the outside, just as a wall between 317 and 319 is an interior wall between rooms 317 and 319.

4.4.3 Alphanumeric rule

Four-digit room numbers shall not be interspaced or interpunctuated.

Rooms on the ground floor, mezzanine, in basement, under grade level, etc., may be assigned room numbers such as G01, M02, B03 or U04 to comply with the floor designation.

EXAMPLES

Floor G: Room numbers G01-G99

Floor B: Room numbers B01-B99

4.5 Numbering sequence

4.5.1 Direction of numbering

Room numbering for each floor shall be done so that orientation in the building is facilitated. It should be done clockwise in the order that the rooms are reached from the main entrance or in an alternative logical order.

In buildings such as hotels, or in countries where such numbering is conventional, rooms should be numbered in an ascending order on both sides of a corridor in a zig-zag manner.

4.5.2 Omission of room numbers

Room numbers may be omitted from a complete succession if judicious logic permits, e.g. rooms in three wings from one elevator may be numbered 401 - 426, 431 - 452, and 461 - 474, omitting several room numbers for the sake of clarity or a future reserve.