



SLOVENSKI STANDARD
SIST EN 25667-2:1996

01-september-1996

Kakovost vode - Vzorčenje - 2. del: Navodilo o tehnikah vzorčenja (ISO 5667-2:1991)

Water quality - Sampling - Part 2: Guidance on sampling techniques (ISO 5667-2:1991)

Wasserbeschaffenheit - Probenahme - Teil 2: Anleitung zur Probenahmetechnik (ISO 5667-2:1991)

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Qualité de l'eau - Echantillonnage - Partie 2: Guide général sur les techniques d'échantillonnage (ISO 5667-2:1991)

[SIST EN 25667-2:1996](https://standards.iteh.ai/catalog/standards/sist/02b8a95b-65fd-4e94-b1ac-461ac212142e/sist-en-25667-2-1996)

Ta slovenski standard je istoveten z: EN 25667-2:1993

ICS:

13.060.45	Preiskava vode na splošno	Examination of water in general
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EUROPEAN STANDARD

EN 25667-2:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1993

UDC 628.1/.3:620.113:543.05

Descriptors: Water tests, water, quality, water pollution, sampling, samples, sampling equipment, general conditions

English version

**Water quality - Sampling - Part 2: Guidance on
sampling techniques (ISO 5667-2:1991)**

Qualité de l'eau - Échantillonnage - Partie 2:
Guide général sur les techniques
d'échantillonnage (ISO 5667-2:1991)

Wasserbeschaffenheit - Probenahme - Teil 2:
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This European Standard was approved by CEN on 1993-05-14. 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.

The European Standards exist 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

Foreword

Following the resolution BTS3 42/1991, the ISO 5667-2:1991 "Water quality - Sampling - Part 2: Guidance on sampling techniques" was submitted to the Unique Acceptance Procedure.

The result of the Unique Acceptance Procedure was positive.

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 November 1993, and conflicting national standards shall be withdrawn at the latest by November 1993.

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

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Endorsement notice
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The text of the International Standard ISO 5667-2:1991 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO
5667-2

Second edition
1991-07-15

Water quality — Sampling —

Part 2:

Guidance on sampling techniques

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Qualité de l'eau — Échantillonnage —

Partie 2: Guide général sur les techniques d'échantillonnage

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Reference number
ISO 5667-2:1991(E)

ISO 5667-2:1991(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 5667-2 was prepared by Technical Committee ISO/TC 147, *Water quality*.

This second edition cancels and replaces the first edition (ISO 5667-2:1982), of which clause 3 has been greatly reduced in length, subclause 5.4 has been removed, and the remainder of the text has been brought up to date.

ISO 5667 consists of the following parts, under the general title *Water quality – Sampling*:

- *Part 1: Guidance on the design of sampling programmes*
- *Part 2: Guidance on sampling techniques*
- *Part 3: Guidance on the preservation and handling of samples*
- *Part 4: Guidance on sampling from lakes, natural and man-made*
- *Part 5: Guidance on sampling of drinking water and water used for food and beverage processing*
- *Part 6: Guidance on sampling of rivers and streams*
- *Part 7: Guidance on sampling of water and steam in boiler plants*
- *Part 8: Guidance on the sampling of wet deposition*

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- *Part 9: Guidance on sampling from marine waters*
 - *Part 10: Guidance on sampling of wastewaters*
 - *Part 11: Guidance on sampling of groundwaters*
 - *Part 12: Guidance on sampling of industrial cooling water*
 - *Part 13: Guidance on sampling of sludges and sediments*
- Annex A forms an integral part of this part of ISO 5667.

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Introduction

ISO 5667 is published in a number of parts. The first three parts are of a general nature and should be read in conjunction with each other. Subsequent parts that have been published are:

Part 4: Guidance on sampling from lakes, natural and man-made,

Part 5: Guidance on sampling of drinking water and water used for food and beverage processing,

Part 6: Guidance on the sampling of rivers and streams.

Other parts are being developed on the sampling of wastewaters, groundwater, precipitation, marine waters, industrial waters, and sludges and sediments.

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Water quality — Sampling —

Part 2: Guidance on sampling techniques

1 Scope

This part of ISO 5667 provides guidance on sampling techniques used to obtain the data necessary to make analyses for the purposes of quality control, quality characterization and identification of sources of pollution of waters.

Detailed instructions for specific sampling situations and sampling procedures are not included.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 5667. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 5667 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 5667-1:1980, *Water quality — Sampling — Part 1: Guidance on the design of sampling programmes*.

ISO 5667-3:1985, *Water quality — Sampling — Part 3: Guidance on the preservation and handling of samples*.

ISO 6107-2:1989, *Water quality — Vocabulary — Part 2*.

ISO 7828:1985, *Water quality — Methods of biological sampling — Guidance on handnet sampling of aquatic benthic macro-invertebrates*.

ISO 8265:1988, *Water quality — Design and use of quantitative samplers for benthic macro-*

invertebrates on stony substrata in shallow freshwaters.

3 Definitions

For the purposes of this part of ISO 5667, the following definitions taken from ISO 6107-2 apply.

3.1 composite sample: Two or more samples or sub-samples, mixed together in appropriate known proportions (either discretely or continuously), from which the average result of a desired characteristic may be obtained. The proportions are usually based on time or flow measurements.

3.2 snap sample; spot sample; grab sample: A discrete sample taken randomly (with regard to time and/or location) from a body of water.

3.3 sampler: A device used to obtain a sample of water, either discretely or continuously, for the purpose of examination of various defined characteristics.

3.4 sampling: The process of removing a portion, intended to be representative, of a body of water for the purpose of examination of various defined characteristics.

4 Types of sample

4.1 General

Analytical data may be required to indicate the quality of water by determination of parameters such as the concentrations of inorganic material, dissolved minerals or chemicals, dissolved gases, dissolved organic material, and matter suspended in the water or bottom sediments at a specific time