



SLOVENSKI STANDARD

SIST EN 25667-1:1996

01-september-1996

**Kakovost vode - Vzorčenje - 1. del: Navodilo za načrtovanje programov vzorčenja
(ISO 5667-1:1980)**

Water quality - Sampling - Part 1: Guidance on the design of sampling programmes (ISO 5667-1:1980)

Wasserbeschaffenheit - Probenahme - Teil 1: Anleitung zur Aufstellung von Probenahmeprogrammen (ISO 5667-1:1980)

Qualité de l'eau - Echantillonnage - Partie 1: Guide général pour l'établissement des programmes d'échantillonnage (ISO 5667-1:1980)

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

Ta slovenski standard je istoveten z: EN 25667-1:1993

ICS:

13.060.45	Preiskava vode na splošno	Examination of water in general
-----------	---------------------------	---------------------------------

SIST EN 25667-1:1996

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 25667-1:1996](#)

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

EUROPEAN STANDARD

EN 25667-1:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 1993

UDC 628.1/.3:620.113

Descriptors: Water tests, water, ground water, process water, sewage, quality, water pollution, sampling, sampling equipment

English version

**Water quality - Sampling - Part 1: Guidance on the
design of sampling programmes
(ISO 5667-1:1980)**

iTeh STANDARD PREVIEW

Qualité de l'eau - Échantillonnage - Partie 1:
Guide général pour l'établissement des
programmes d'échantillonnage (ISO 5667-1:1980)

Wasserbeschaffenheit - Probenahme - Teil 1:
Anleitung zur Aufstellung von
Probenahmeprogrammen (ISO 5667-1:1980)

[SIST EN 25667-1:1996](https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996)

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

This European Standard was approved by CEN on 1993-09-09. 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

Page 2
EN 25667-1:1993

Foreword

Following the resolution BTS3 42/1991, the ISO 5667-1:1980

"Water quality - Sampling - Part 1: Guidance on the design of sampling programmes (ISO 5667-1:1980)"

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 March 1994, and conflicting national standards shall be withdrawn at the latest by March 1994.

In accordance with 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 and United Kingdom.

ITih STANDARD PREVIEW

(standards.iteh.ai)

Endorsement notice

The text of the International Standard ISO 5667-1:1980 was approved by CEN as a European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/514602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

NOTE: The European references to international publications are given in annex ZA (normative).

Annex ZA (normative)
Normative references to international publications
with their relevant 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).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 5667-2	1991	Water quality - Sampling - Part 2: Guidance on sampling techniques	EN 25667-2	1993

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 25667-1:1996](https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996)

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 25667-1:1996

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

International Standard



5667 / 1

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**Water quality — Sampling —
Part 1 : Guidance on the design of sampling programmes**

Qualité de l'eau — Échantillonnage — Partie 1 : Guide général pour l'établissement des programmes d'échantillonnage

First edition — 1980-09-15

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 25667-1:1996

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

UDC 614.777 : 620.113

Ref. No. ISO 5667/1-1980 (E)

Descriptors : water, quality, sampling, sampling equipment, generalities.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 5667/1 was developed by Technical Committee ISO/TC 147, *Water quality*, and was circulated to the member bodies in June 1978.

It has been approved by the member bodies of the following countries :

Australia	India	South Africa, Rep. of
Austria	Ireland	Spain
Brazil	Italy	Sweden
Bulgaria	Japan	Switzerland
Canada	Korea, Rep. of	Thailand
Czechoslovakia	Mexico	United Kingdom
Denmark	Netherlands	USA
France	New Zealand	USSR
Germany, F. R.	Norway	Yugoslavia
Greece	Poland	
Hungary	Romania	

The member body of the following country expressed disapproval of the document on technical grounds :

Belgium

Contents

	Page
0 Introduction	1
1 Scope and field of application	1
2 References	1
Section one : Definition of objectives	
3 Introduction	2
4 Requirements	2
5 Special considerations in relation to variability	3
Section two : Identification of sampling situations	
6 Introduction	4
7 General safety precautions	4
8 Special considerations in sampling	4
9 Individual sampling situations — Natural waters	5
10 Sampling situations in industry	7
11 Trade effluents	8
12 Sewage and sewage effluents	8
13 Storm sewage and surface run-off	9
Section three : Time and frequency of sampling	
14 Introduction	10
15 Types of sampling programme	10
16 Statistical considerations	10
17 Abnormal variability	11
18 Duration of sampling occasion and composite samples	11
Section four : Flow measurements and situations justifying flow measurements for water quality purposes	
19 Introduction	12
20 Justification for flow measurements in water quality control	12
21 Methods available for flow measurement	13

iTeh STANDARD PREVIEW
This page intentionally left blank
(standards.iteh.ai)

SIST EN 25667-1:1996

<https://standards.iteh.ai/catalog/standards/sist/3ff4602e-179a-4523-b192-bcad5a9e990c/sist-en-25667-1-1996>

Water quality – Sampling – Part 1 : Guidance on the design of sampling programmes

iTeh STANDARD PREVIEW (standards.iteh.ai)

0 Introduction

This International Standard is the first of a group of three standards intended to be used in conjunction with each other. ISO 5667/2 and ISO 5667/3 deal respectively with sampling techniques and with the preservation and handling of samples. The general terminology used is in accordance with that established in ISO/TC 147, *Water quality*, and, more particularly, with the terminology on sampling given in ISO 6107/2.

1 Scope and field of application

This International Standard sets out the general principles to be applied in the design of sampling programmes for the purposes of quality control, quality characterization, and identification of sources of pollution of water, including bottom deposits and sludges. Detailed instructions for specific sampling situations will be given in subsequent International Standards.

2 References

- ISO 2602, *Statistical interpretation of test results – Estimation of the mean – Confidence interval.*
- ISO 3534, *Statistics – Vocabulary and symbols.*
- ISO 5667/2, *Water quality – Sampling – Part 2 : General guidelines to sampling techniques.*¹⁾
- ISO 5667/3, *Water quality – Sampling – Part 3 : General recommendations for the preservation and handling of samples.*¹⁾
- ISO 6107/1, *Water quality – Vocabulary – Part 1.*
- ISO 6107/2, *Water quality – Vocabulary – Part 2.*¹⁾

1) At present at the stage of draft.