

DIN EN ISO 5667-1



ICS 13.060.45

Supersedes
DIN EN 25667-1:1993-11 and
DIN EN 25667-2:1993-07

**Water quality –
Sampling –
Part 1: Guidance on the design of sampling programmes and sampling
techniques (ISO 5667-1:2006)
English version of DIN EN ISO 5667-1:2007-04**

Wasserbeschaffenheit –
Probenahme –
Teil 1: Anleitung zur Erstellung von Probenahmeprogrammen und Probenahmetechniken
(ISO 5667-1:2006)
Englische Fassung DIN EN ISO 5667-1:2007-04

Document comprises 41 pages

This standard is part of the series *Deutsche Einheitsverfahren zur Wasser-, Abwasser- und Schlammuntersuchung – Allgemeine Angaben (Gruppe A)* (German standard methods for the examination of water, waste water and sludge – General information (group A)) and specifies method (A 4).

National foreword

This standard has been prepared by Technical Committee ISO/TC 147 "Water quality" in collaboration with Technical Committee CEN/TC 230 "Water analysis" (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Wasserwesen* (Water Practice Standards Committee), Technical Committees NA 119-01-03-01-01 AK *Probenahme* and NA 119-01-01 AA "*Wasseruntersuchung*".

Expert assistance and specialized laboratories will be required to perform the analysis described in this standard. The relevant safety requirements are to be observed.

Depending on the objective of the analysis, a check shall be made on a case-by-case basis as to whether and to what extent additional conditions will have to be specified.

DIN EN ISO 5667 consists of the following parts, under the general title "Water quality — Sampling":

- *Part 1: Guidance on the design of sampling programmes and sampling techniques*
- *Part 3: Guidance on the preservation and handling of water samples*
- *Part 4: Guidance on sampling from lakes, natural and man-made*
- *Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems*
- *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 sampling of wet deposition*
- *Part 9: Guidance on sampling from marine waters*
- *Part 10: Guidance on sampling of waste waters*
- *Part 11: Guidance on sampling of ground waters*
- *Part 12: Guidance on sampling of bottom sediments*
- *Part 13: Guidance on sampling of sludges from sewage and water treatment works*
- *Part 14: Guidance on quality assurance of environmental water sampling and handling*
- *Part 15: Guidance on preservation and handling of sludge and sediment samples*
- *Part 16: Guidance on biotesting of samples*
- *Part 17: Guidance on sampling of suspended sediments*
- *Part 18: Guidance on sampling of groundwater and contaminated sites*
- *Part 19: Guidance on sampling of marine sediments*

The following part is in preparation:

— *Part 20: Guidance on the use of sample data for decision making — Compliance with thresholds and classification systems*

Standard methods published as DIN Standards are obtainable from *Beuth Verlag GmbH*, either individually or grouped in volumes. The standard methods included in the loose-leaf publication entitled *Deutsche Einheitsverfahren zur Wasser-, Abwasser- und Schlammuntersuchung* will continue to be published by *Wiley-VCH Verlag* and *Beuth Verlag GmbH*.

All standard methods relevant to the *Abwasserverordnung* (Waste Water Regulation) (*AbwV*) – included in the new Regulation on Section 7a of the *Gesetz zur Ordnung des Wasserhaushalts* (German Water Management Act – together with the *Abwasserverordnung* and the *Gesetz zur Ordnung des Wasserhaushalts* and other valid administrative regulations on waste water have been published as a loose-leaf collection “*Analysenverfahren in der Abwasserverordnung – Rechtsvorschriften und Normen*”^{*)}, with Supplement 1 (DIN Standards), Supplement 2 (DIN EN and DIN EN ISO Standards) and Supplement 3 (DIN, DIN EN and DIN EN ISO Standards).

Standard methods or draft standards bearing the group title “German standard methods for the examination of water, waste water and sludge” are classified under the following categories (main titles):

General information (group A)	(DIN 38402)
Sensory analysis (group B)	(DIN 38403)
Physical and physicochemical parameters (group C)	(DIN 38404)
Anions (group D)	(DIN 38405)
Cations (group E)	(DIN 38406)
Substance group analysis (group F)	(DIN 38407)
Gaseous constituents (group G)	(DIN 38408)
Parameters characterizing effects and substances (group H)	(DIN 38409)
Biological-ecological methods of analysis (group M)	(DIN 38410)
Microbiological methods (group K)	(DIN 38411)
Test methods using water organisms (group L)	(DIN 38412)
Individual constituents (group P)	(DIN 38413)
Sludge and sediments (group S)	(DIN 38414)
Bio-assays with microorganisms (group T)	(DIN 38415)

In addition to the methods described in the DIN 38402 to DIN 38415 series of standards, there are a number of European and International Standards available as DIN EN, DIN EN ISO and DIN ISO Standards, which also form part of the collection of German standard methods.

Information on Parts of these series of standards that have already been published can be obtained from the offices of the *Normenausschuss Wasserwesen*, telephone (030) 2601-2448, or from *Beuth Verlag GmbH*, Burggrafenstraße 6, 10787 Berlin, Germany.

The DIN Standards corresponding to the International Standards referred to in the EN are as follows:

ISO 5667-3	DIN EN ISO 5667-3
ISO 5667-4	DIN 38402-12
ISO 5667-5	DIN 38402-14
ISO 5667-6	DIN 38402-15
ISO 5667-7	DIN 38402-22

^{*)} Available in German.