

AS 5667.5:2022



STANDARDS  
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# Water quality — Sampling

**Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems (ISO 5667-5:2006, MOD)**



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- Australian Contaminated Land Consultants Association
- Australian Nuclear Science & Technology Organisation
- Australian Water Association
- Environmental Laboratory Industry Group
- Master Plumbers Australia and New Zealand
- National Association of Testing Authorities Australia
- National Measurement Institute
- Plumbing Products Industry Group Inc
- Sydney Water Corporation
- The Institute of Plumbing Australia Inc
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## **Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems (ISO 5667-5:2006, MOD)**

Originated as AS/NZS 5667.5:1998.  
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## Preface

This Standard was prepared by the Standards Australia Committee EV-008, Methods for Examination of Waters, to supersede AS/NZS 5667.5:1998, *Water quality—Sampling Part 5: Guidance on sampling of drinking water and water used for food and beverage processing*.

The objective of this document is to provide guidance for parties interested in monitoring and sampling water. This includes guidance on the design of sampling programmes, sampling techniques, preservation, handling and transport of samples for the purposes of process control, quality characterization, identification of sources of pollution, compliance with water quality guidelines or standards, and other activities.

This document is Part 5 in a series of Standards on the sampling of waters, waste waters, sediments and sludges. This Part of the series provides detailed principles to be applied to the sampling of drinking water.

This document is an adoption with national modifications, and has been reproduced from, ISO 5667-5:2006, *Water quality — Sampling, Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems*. This document has been varied as indicated to take account of Australian conditions. As part of this revision, the title of this document was changed to remove reference to “water used for food and beverage processing”. The title of “Guidance on sampling of drinking water” better reflects the content of this document, including changes made as part of the revision.

The inclusion of national variations in boxed text above the relevant clauses in this modified adoption, was approved by the Standards Australia Production Management Group (PMG) on 19 October 2020, as a one-off exemption to the directives of Clause A.3 in Standardization Guide 007: Adoption of International Standards.

Additional national variations and guidance are set out in [Appendix ZA](#).

The national variations provide the following:

- (a) Greater emphasis and guidance on selecting the most appropriate sampling method so the sample results are aligned with the objectives of the sampling programme.
- (b) Further guidance to apply the principles of this document to a wider variety of water systems, including hospitals.
- (c) Schematics for suitable sampling taps, including a design that has been optimized for liquid-based disinfectants.
- (d) Guidance on the sampling from bulk storages, such as tankers, airplanes, trains and ships.

As this document has been reproduced from an International document, the following applies:

- (i) In the source text, “this part of ISO 5667” should read “this document”.
- (ii) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.