

AS/NZS 5667.4:1998

ISO 5667-4:1987

AS/NZS 5667.4

Australian/New Zealand Standard[®]

Water quality—Sampling

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

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EV/8, Methods for Examination of Waters. It was approved on behalf of the Council of Standards Australia on 31 December 1997 and on behalf of the Council of Standards New Zealand on 9 February 1998. It was published on 5 April 1998.

The following interests are represented on Committee EV/8:

Australian Chamber of Commerce and Industry
 Australian Institute of Marine Science
 Australian Water and Waste Water Association
 Australian and New Zealand Environment and Conservation Council
 Griffith University, Australia
 Minerals Council of Australia
 National Association of Testing Authorities, Australia
 National Health and Medical Research Council, Australia
 Plastics and Chemicals Industry Association, Australia
 Queensland Health Scientific Services
 The Royal Australian Chemical Institute
 Water Ecoscience, Australia

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EV/8, Methods for Examination of Waters. This Standard is technically equivalent to and has been reproduced from ISO 5667-4:1987, *Water quality—Sampling, Part 4: Guidance on sampling from lakes, natural and made-made*.

This is Part 4 in a series of Standards on the sampling of waters, waste waters sediments and sludges. The objective of this series of Standards is to provide parties interested in monitoring and sampling with guidance, including guidance on the design of sampling programs, 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 Part of the series provides detailed principles to be applied to sampling from natural and man-made lakes.

It is important that care is given to ensuring that sampling is not compromised by fuel, exhaust gases or other contaminants resulting from the use of a boat, raft or similar conveyance when sampling.

Appendix ZZ lists the variations between this Standard and ISO 5667-4. For the purposes of this Standard, the ISO text is amended, supplemented or replaced as set out in Appendix ZZ. These changes are indicated by a marginal bar against the relevant clause, note, figure or part thereof affected.

The term 'normative' has been used in this Standard to define the application of the annex or appendix to which it applies. A 'normative' annex or appendix is an integral part of a Standard.

As this Standard is reproduced from an international Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
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References to international Standards should be replaced by equivalent Australian, New Zealand or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian, New Zealand or Australian/New Zealand Standard</i>	
ISO		AS/NZS	
5667	Water quality—Sampling	5667	Water quality—Sampling
5667-1	Part 1: Guidance on the design of sampling programmes	5667.1	Part 1: Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples
5667-2	Part 2: Guidance on sampling techniques		
5667-3	Part 3: Guidance on the preservation and handling of samples		
6107-2	Water quality—Vocabulary—Part 2	—	