

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

जल की गुणवत्ता — नमूने लेना

**भाग 1 नमूने लेने की तकनीकों और नमूने लेने के कार्यक्रमों के डिज़ाइन
पर मार्गदर्शन**

(पहला पुनरीक्षण)

Draft Indian Standard

Water Quality — Sampling

**Part 1 Guidance on the Design of Sampling Programmes and Sampling
Techniques**

[First Revision of IS 17614 (Part 1)]

ICS 13.060.45

Water Quality Sectional Committee, CHD 36

Last date for Comments: 07.09.2024

NATIONAL FOREWORD

(Formal clause to be added later)

The Indian Standard IS 17614 has been published in several parts under the general title 'Water Quality — Sampling'. This part of IS 17614 specifies the general principles for, and provides guidance on, the design of sampling programmes and sampling techniques for all aspects of sampling of water (including waste waters, sludges, effluents, suspended solids and sediments). The other parts of this series are:

<i>IS No</i>	<i>Title</i>
IS 17614	Water Quality — Sampling
(Part 3): 2021	Preservation and handling of water samples
(Part 4): 2021	Guidance on sampling from lakes, natural and man-made.
(Part 5): 2021	Guidance on sampling of drinking water from treatment works and piped distribution systems
(Part 6): 2021	Guidance on sampling of rivers and streams
(Part 7): 2021	Guidance on sampling of water and steam in boiler plants
(Part 8): 2021	Guidance on the sampling of wet deposition
(Part 9): 2021	Guidance on sampling from marine waters
(Part 10): 2021	Guidance on sampling of waste water
(Part 12): 2022	Guidance on sampling of bottom sediments from rivers, lakes and estuarine areas
(Part 13): 2021	Guidance on sampling of sludges
(Part 14): 2021	Guidance on quality assurance and quality control of environmental water sampling and handling
(Part 15): 2021	Guidance on the preservation and handling of sludges and sediment samples
(Part 16): 2021	Guidance on biotesting of samples
(Part 17): 2022	Water Quality Sampling Part 17 Guidance on Sampling of Bulk Suspended Solids
(Part 19): 2021	Water Quality Sampling Part 19 Guidance on Sampling of Marine Sediments
(Part 20): 2021	Water Quality Sampling Part 20 Guidance on the Use of Sampling Data for Decision Making Compliance with Thresholds and Classification Systems
(Part 21): 2021	Water quality Sampling Part 21 Guidance on Sampling of Drinking Water distributed by tankers or means other than distribution pipes
(Part 22): 2021	Water Quality Sampling Part 22 Guidance on the Design and Installation of Groundwater Monitoring Points
(Part 23): 2021	Water Quality Sampling Part 23 Guidance on Passive Sampling in Surface Waters
(Part 24): 2021	Water Quality Sampling Part 24: Guidance on the Auditing of Water Quality sampling
(Part 25): 2022	Water Quality Sampling Part 25 for Microbiological Analysis

This standard was published in 2021 as an identical adoption of ISO 5667-1: 2020 under dual numbering. This first revision has been brought out to adopt the latest version of ISO 5667-1 published in 2023. In this revision, following modifications have been incorporated:

- a) Corrections have been made to 10.3 and associated cross-references to Annex A; and
- b) Subclauses have been included in Clause 7 referring to the most recent additions to the ISO 5667 series.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Whenever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.