## INTERNATIONAL STANDARD



First edition 1998-09-01

## Water quality — Sampling —

**Part 14:** Guidance on quality assurance of environmental water sampling and handling

Qualité de l'eau — Échantillonnage —

Partie 14: Lignes directrices pour le contrôle de la qualité dans l'échantillonnage et la manutention des eaux environnementales



Reference number ISO 5667-14:1998(E)

## Content

1 Scope	1
2 Normative references	1
3 Definitions	1
4 Sources of sampling error	4
5 Sampling quality control techniques	5
6 Transport, stabilization and storage of samples	12
7 Analysis and interpretation of quality control data	13
8 Sample identification and records	13

Annex A (informative) Control charts	14
Annex B (informative) Bibliography	18

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization Case postale 56 • CH-1211 Genève 20 • Switzerland Internet iso@iso.ch

Printed in Switzerland

## Foreword

ISO (the International Organization for Standardization) is a world-wide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 5667-14 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 6, *Sampling (general methods)*.

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

- Part 1: Guidance on the design of sampling programmes
- Part 2: Guidance on sampling techniques
- Part 3: Guidance on the preservation and handling of samples
- Part 4: Guidance on sampling from lakes
- Part 5: Guidance on sampling of drinking water
- 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 groundwaters
- Part 12: Guidance on sampling of bottom sediments
- Part 13: Guidance on sampling of water, wastewater and related sludges
- Part 14: Guidance on quality assurance of environmental water sampling and handling

Annexes A and B of this part of ISO 5667 are for information only.