

Water quality —

Part 6: Sampling —

Section 6.6 Guidance on sampling of rivers and streams

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Environment and Pollution Standards Policy Committee (EPC/-) to Technical Committee EPC/44, upon which the following bodies were represented:

- Association of Consulting Scientists
- British Association for Chemical Specialities
- British Gas plc
- Chemical Industries Association
- Department of the Environment (Water Directorate)
- Department of the Environment for Northern Ireland
- Department of Trade and Industry (Laboratory of the Government Chemist)
- Electricity Supply Industry in England and Wales
- Industrial Water Society
- Institute of Petroleum
- Institution of Gas Engineers
- Institution of Water and Environmental Management
- National Rivers Authority
- Royal Institute of Public Health and Hygiene
- Royal Society of Chemistry
- Scottish Association of Directors of Water and Sewerage Services
- Soap and Detergent Industry Association
- Water Companies Association
- Water Research Centre
- Water Services Association of England and Wales

This British Standard, having been prepared under the direction of the Environment and Pollution Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 31 May 1991

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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National foreword

This Section of BS 6068, which has been prepared under the direction of the Environment and Pollution Standards Policy Committee is identical with ISO 5667-6:1990 “*Water quality — Sampling — Part 6: Guidance on sampling of rivers and streams*”.

The international standard was prepared by subcommittee 6, Sampling, of Technical Committee 147, Water quality, of the International Organization for Standardization (ISO) with the active participation and approval of the UK.

BS 6068 is being published in a series of Parts subdivided into Sections that will generally correspond to particular international standards. Sections are being, or will be, published in Parts 1 to 7, which together with Part 0, are listed below.

- *Part 0: Introduction;*
- *Part 1: Glossary;*
- *Part 2: Physical, chemical and biochemical methods;*
- *Part 3: Radiological methods;*
- *Part 4: Microbiological methods;*
- *Part 5: Biological methods;*
- *Part 6: Sampling;*
- *Part 7: Precision and accuracy.*

Cross-references

International standard	Corresponding British Standard
	BS 3680 Measurement of liquid flow in open channels
ISO 555-3:1982	Part 2C:1983 Method of measurement using radioactive tracers (Identical)
ISO 748:1979	Part 3A:1980 Velocity area methods (Identical)
	BS 6068 Water quality
ISO 5667-1:1980	Section 6.1:1981 Guidance on the design of sampling programmes (Identical)
ISO 5667-2:1982	Section 6.2:1983 Guidance on sampling techniques (Identical)
ISO 5667-3:1985	Section 6.3:1986 Guidance on the preservation and handling of samples (Identical)
ISO 5667-4:1987	Section 6.4:1987 Guidance on sampling from lakes, natural and man-made (Identical)
ISO 6107-2:1981	Section 1.2:1982 Additional terms relating to types of water, and treatment and storage of water and waste water, and terms used in sampling and analysis of water (Identical)
ISO 7828:1985	Section 5.5:1985 Methods of biological sampling: guidance on handnet sampling of aquatic benthic macro-invertebrates (Identical)

International standard

ISO 8265:1988

Corresponding British Standard

Section 5.8:1989 Methods of biological sampling: guidance on the design and use of quantitative samplers for benthic macro-invertebrates on stony substrata in shallow freshwater
(Identical)

The Technical Committee has reviewed the provisions of ISO 555-1, ISO 555-2, ISO 1070 and ISO 8363 and has decided that they are acceptable for use in conjunction with this standard. A related British Standard to ISO 1070:1983 is BS 3680-5:1970 "Slope area method of estimation".

This Section of BS 6068 is one of a group of standards dealing with the sampling of specific types of water. It should be read in conjunction particularly with BS 6068-6.1, BS 6068-6.2 and BS 6068-6.3 which deal respectively with the design of sampling programmes, sampling techniques and the preservation and handling of samples. The general terminology used is in accordance with that established by ISO/TC 147, Water quality, and more particularly, with the terminology on sampling given in BS 6068-1.2.

Typographical error. In **5.1.1.2**, paragraph 2, lines 3 and 4 should read "...tracers (ISO 555-1, ISO 555-2 and ISO 555-3) or measurement...".

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

