

Water quality —

Part 5: Biological methods —

Section 5.9 Method for assessing the inhibition of nitrification of activated sludge micro-organisms by chemicals and waste waters

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 Board of BSI and comes into effect on 30 September 1990

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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 9509:1989 “*Water quality — Method for assessing the inhibition of nitrification of activated sludge micro-organisms by chemicals and waste waters*”.

The International Standard was prepared by subcommittee 5, Biological methods, of Technical Committee 147, Water quality, of the International Organization for Standardization (ISO) with the active approval and participation of the UK.

This British Standard 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.*

NOTE The tests described in this Section of BS 6068 should only be carried out in laboratories with suitable facilities and by suitably qualified persons with an appropriate level of expertise.

Cross-references

International Standard	Corresponding British Standard
ISO 6107-1:1986	BS 6068 <i>Water quality</i> Section 1.1:1987 <i>Terms relating to types of water, and treatment and storage of waste water</i> (Identical)

Reference to ISO 6107-3:1985, for which there is no corresponding British Standard, is made only at the end of the definition in **3.3**, where the definition given is identical to that presented in ISO 6107-3.

Additional information. In **6.7** the phrase “does not release nitrogen” refers to oxidized nitrogen and ammoniacal nitrogen not being released. An alternative source for the information given in Annex C, reference [4], is Official Journal of the European Communities, L133, **31**, 106-117, 30th May 1988.

Typographical errors. In **1.3**, line 3, reference should be to **7.1**, not **8.1**. In **7.1**, line 1, “nitration” should be read as “nitrification”.

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.

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Summary of pages

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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.