

Gas detector tubes —

Part 2: Specification for long term gas detector tubes

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Personal Safety Equipment Standards Policy Committee (PSM/-) to Technical Committee PSM/32, upon which the following bodies were represented:

- British Occupational Hygiene Society
- Chemical Industries Association
- Chief and Assistant Chief Fire Officers' Association
- Engineering Equipment and Materials Users' Association
- Health and Safety Executive
- Industrial Safety (Protective Equipment) Manufacturers' Association
- Ministry of Defence

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Foreword

This Part of BS 5343 has been prepared under the direction of the Personal Safety Equipment Standards Policy Committee. It specifies requirements for long term gas detector tubes. Requirements for short term gas detector tubes are given in BS 5343-1.

BS 5343-2 has been prepared to assist those responsible for assessing the hazards posed by the presence of toxic gases or vapours by establishing standard performance requirements for gas detector tubes.

A detector tube is a glass tube containing a chemical reagent in which a colour change may be produced when a sample of the atmosphere either is drawn through it or diffuses into it. The length of stain produced provides a measure of the level of contamination by a specified gas or vapour.

A guide to acceptability, or unacceptability, of the measured concentrations is provided by "Occupational Exposure Limits" published annually by the Health and Safety Executive¹⁾.

Long term gas detector tubes can be used to show compliance with appropriate government regulations and recommendations for their use are given in Appendix C.

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

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.

¹⁾ Obtainable from HMSO, 49 High Holborn, London WC1.