

BS 1710:2014



BSI Standards Publication

# Specification for identification of pipelines and services

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 20, an inside back cover and a back cover.

## Foreword

### Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 December 2014. It was prepared by Technical Committee PSE/4, *Identification of piping systems*. A list of organizations represented on this committee can be obtained on request to its secretary.

### Supersession

This British Standard supersedes BS 1710:1984, which is withdrawn.

### Information about this document

This is a full revision of the standard and introduces the following principal changes:

- the labelling system has been refined;
- ship systems have been removed;
- the water systems section has been amended and the labelling for water services expanded; and
- colour coding and sizing of markings reviewed and amended.

### Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is "shall".

*Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.*

### Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

### Compliance with a British Standard cannot confer immunity from legal obligations.

Particular attention is drawn to the following specific regulations in respect of requirements for clear identification of services conveying fluids:

- The Water Supply (Water Fittings) Regulations 1999 [1];
- The Water Supply (Water Fittings) (Scotland) Byelaws 2014 [2]; and
- The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009 [3].

## 1 Scope

This British Standard specifies the colours and supplementary information for the identification of pipes conveying fluids in above ground and below ground installations. It also includes ducts for ventilation and conduits used for carrying electrical services.

The following two methods of identification are included:

- a) basic identification colours only; and
- b) basic identification colours and code indications and/or code colours.

*NOTE 1 Examples of identification by basic colour and code indications are illustrated in Annex A.*

*NOTE 2 The marking and labelling requirements identified in this British Standard are the preferred methods where there is no British Standard that covers a specific pipe or pipeline sector.*

This British Standard does not include identification of fluid services on ships.

*NOTE 3 For piping systems on ships and marine technology applications, see BS ISO 14726.*

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS EN ISO 7010, *Graphical symbols – Safety colours and safety signs – Registered safety signs*

BS ISO 3864-1, *Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs and safety markings*

BS ISO 3864-3, *Graphical symbols – Safety colours and safety signs – Part 3: Design principles for graphical symbols for use in safety signs*

## 3 Terms and definitions

For the purposes of this British Standard, the following terms and definitions apply.

### 3.1 above ground installations

pipes or services located in a building, including those concealed, which are not otherwise considered below ground

### 3.2 banding

individual bands of colour used in conjunction with others to form the service identifier

### 3.3 below ground installations

pipes or services laid in soil or ducts which are in the ground, but not contained within a basement or in a sub level of a building

### 3.4 potable water

water suitable for human consumption

*NOTE 1 Attention is drawn to the requirements of Section 67 of The Water Industry Act 1991 [4] in England and Wales, and similar provisions in The Water (Scotland) Act 1980 [5] and The Water and Sewerage Services (Northern Ireland) Order 2006 [6].*