

BRITISH STANDARD

Building and civil engineering – Vocabulary –

Part 3: Civil engineering – General

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Contents

Foreword *ii*

1	Scope	<i>1</i>
2	Vocabulary structure	<i>1</i>
3	Structural design and elements (03 1xxxx)	<i>2</i>
4	Earthworks (03 2xxxx)	<i>8</i>
5	Substructures and foundations (03 3xxxx)	<i>25</i>
6	Tunnels, shafts and caissons (03 4xxxx)	<i>30</i>
7	Superstructures (03 5xxxx)	<i>47</i>

Bibliography *53*

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iii, a blank page, pages 1 to 54, an inside back cover and a back cover.

Foreword

Publishing information

This part of BS 6100 is published by BSI and came into effect on 31 August 2007. It was prepared by Technical Committee B/500, *Basic data*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This part of BS 6100 supersedes BS 6100-2.1:1992, BS 6100-2.2.1:1992, BS 6100-2.2.2:1999, BS 6100-2.2.3:1990 and BS 6100-2.3:1992, which are withdrawn.

Relationship with other publications

BS 6100 consists of the following parts.

- *Part 0: Introduction and index.*
- *Part 1: General.*
- *Part 2: Spaces, building types, environment and physical planning.*
- *Part 3: Civil engineering – General.*
- *Part 4: Civil engineering – Transport.*
- *Part 5: Civil engineering – Water engineering, environmental engineering and pipelines.*
- *Part 6: Construction parts.*
- *Part 7: Services.*
- *Part 8: Work with timber and wood-based panels.*
- *Part 9: Work with concrete and plaster.*
- *Part 10: Contract terms.*
- *Part 11: Performance characteristics, measurement and joints.*
- *Part 12: Plant, equipment and persons.*

Information about this document

BS 6100 has been completely restructured and compiled on different principles than previously. Consequently, this part of BS 6100 represents a full revision of the standard.

A general introduction to and explanation of the BS 6100 vocabulary is given in BS 6100-0, which provides an alphabetical index of all the terms in all parts of BS 6100. It is intended that individual parts of BS 6100 are used in conjunction with BS 6100-0 because they do not contain indexes themselves.

BS 6100-1 reproduces verbatim ISO 6707-1 and provides a vocabulary of general terms for the building and civil engineering industry. It is essential that individual parts of BS 6100 are read in conjunction with BS 6100-1.

BS 6100 does not repeat (or provide alternatives for) terms defined in other standards or in other parts of BS 6100. However, it does refer to where definitions can be found and includes a bibliography of all referenced standards.

Presentational conventions

Details of the structure, layout and presentational conventions used in this part of BS 6100 are given in Clause 2.

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.

1 Scope

This part of BS 6100 defines terms within the civil and structural engineering industry, including:

- a) structural design and structural members;
- b) earthworks;
- c) substructures, foundations and piles;
- d) tunnels and tunnelling; and
- e) superstructures, including large span structures and bridges.

2 Vocabulary structure

This part of BS 6100 does not contain its own index. Instead, a comprehensive index of terms is given in BS 6100-0. As a result, it is intended that this part of BS 6100 is used in conjunction with BS 6100-0.

The layout of this vocabulary is designed in accordance with ISO 10241 with terms arranged in a classified order and numbered in accordance with ISO 2145.

Each term has an individual number consisting of seven digits in two parts, the first of two digits, the second of five. Each number tells the following information about the term.

- a) The first two digits represent which part of BS 6100 the term belongs to.
- b) The third digit represents which group of terms it belongs to within the part.
- c) The fourth digit represents which subgroup of terms it belongs to within the group, as follows.
 - 1) Works.
 - 2) Parts.
 - 3) Materials.
 - 4) Activities.
 - 5) Processes.
 - 6) Plant, equipment and documentation.
 - 7) Properties.
 - 8) Spaces.
 - 9) Miscellaneous.
- d) The fifth to seventh digits determine the location of the term within the subgroup.

Bold words within a definition indicate terms that are defined elsewhere in this part of BS 6100, other parts of BS 6100 or other standards. Reference to where the term is defined is given in parenthesis after the bold word.

NOTE 1 References to terms defined in BS 6100-1 are shown giving only the part number, e.g. (01); references to terms defined in all other parts of BS 6100 are shown using their full reference number, e.g. (07 59005).

NOTE 2 Where more than one definition source could be referred to, the reference containing the definition of most general applicability is given.