

Glossary of

Building and civil engineering terms —

Part 2: Civil engineering —

Section 2.2 Substructures. Earthworks.
Foundations. Tunnels —

Subsection 2.2.3 Tunnels

This British Standard, having been prepared under the direction of the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 December 1990

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Foreword

This Subsection of Part 2 of BS 6100 has been prepared under the direction of the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Policy Committee. This Subsection covers that branch of civil engineering concerned with the planning, design and construction of tunnels.

As far as possible the definitions in this Subsection of BS 6100 are technically equivalent to those in BS 6164 *“Code of practice for safety in tunnelling in the construction industry”*. However, it has been necessary to change some terms and definitions to ensure that they are acceptable for general use and are in accordance with current practice.

The need for consistency throughout the glossary has also involved changes in style and format to terms and definitions included in other existing British Standards.

The general introduction to and explanation of this glossary is given in Part 0 of BS 6100 which itemizes the Parts and Sections into which this glossary is divided and provides a general alphabetical index of all the terms in the Sections and Subsections already published. Those using individual Sections of this glossary are urged to consult Part 0 when doing so.

The other Sections of this Part are as follows.

- 2.1 Structural design and elements
- 2.3 Superstructures. Bridges. Large span structures
- 2.4 Highway and railway engineering
- 2.5 Hydraulic engineering and construction work
- 2.6 Natural waters. Inland. Coastal. Marine
- 2.7 Public health. Environmental engineering
- 2.8 Pipelines. Ducts

The other Subsections of this Section are as follows.

- 2.2.1 Earthworks
- 2.2.2 Substructures and foundations

Terms are listed alphabetically in the index and are referred to by numbers which are found against the term in the body of the Subsection. They are arranged in a classified order, each term having an individual number consisting of seven digits in two parts, the first of three digits, the second of four. The first three digits represent the number of the Part, Section and Subsection. The fourth digit represents the group of terms, the fifth digit represents the subgroup of terms (in this case, the fifth digit is 0 as there is no subdivision into subgroups) and the last two digits represent the place within the subgroup.

Alternative terms are given (in medium type) below the preferred term with their status indicated, e.g. “deprecated”. These terms are not individually numbered, but are included in the index with a reference to the preferred term. Terms of more than one word, e.g. “pilot tunnel” are written in a direct style, not as “tunnel, pilot”. The inverted term is included in the index with a reference to the direct term.

It is to be noted that, while this Subsection deals with the more basic terms connected with civil engineering, many of the head terms relating to more specific aspects will occur only in the other, relevant Sections. Conversely it has been considered necessary to repeat in this Subsection certain terms from Section 1.0 “General”. Where this occurs, the definitions of such terms are preceded by an asterisk (*).

Italicized words in definitions indicate terms that are defined elsewhere in this Subsection.

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 to iv, pages 1 to 11 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.

