

Glossary of

**Building and civil
engineering terms**

Part 2. Civil engineering

**Section 2.7 Public health. Environmental
engineering**

ICS 01.040.13; 01.040.93; 13.060.30; 93.030

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Technical Sector Board for Building and Civil Engineering (B/-) to Technical Committee B/500, Basic data, upon which the following bodies were represented:

- Building Employers' Confederation
- Consumer Policy Committee of BSI
- Convention of Scottish Local Authorities
- Department of Education and Science
- Department of the Environment
- Incorporated Association of Architects and Surveyors
- Meteorological Office
- National Building Specification Ltd.
- National Council of Building Material Producers
- National House-building Council
- Royal Institute of British Architects
- Society of Chief Architects of Local Authorities

The following bodies were also represented in the drafting of the standard, through subcommittees B/500/4, Terminology:

- Association of Builders Hardware Manufacturers
- Brick Development Association
- British Cement Association
- British Waterways Board
- Chartered Institution of Building Services Engineers
- Clay Pipe Development Association Limited
- Department of the Environment (Property Services Agency)
- Department of Transport
- Federation of Civil Engineering Contractors
- Federation of Plastering and Drywall Contractors
- Glass and Glazing Federation
- Guild of Architectural Ironmongers
- Gypsum Products Development Association
- Institution of Civil Engineers
- Royal Institution of Chartered Surveyors
- Timber Trade Federation

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Summary of pages

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Foreword

This Section of BS 6100 has been prepared under the direction of Technical Committee B/500, Basic data and supersedes BS 6100 : Section 2.7 : 1988, which is withdrawn.

This edition introduces technical changes but it does not reflect a full review or revision of the standard which will be undertaken in due course.

The terms included in this Section are considered relevant to building and civil engineering. Note has been taken of definitions included in ISO 6107 *Water quality — Vocabulary*, which has been implemented in BS 6068 *Water quality Part 1 Glossary*. Definitions in this Section of BS 6100 are technically equivalent to the definitions that appear in ISO 6107 and BS 6068. For terms and definitions for the more specialized aspects of water purity reference should be made to those standards.

A general introduction to and explanation of this glossary is given in Part 0 of BS 6100, which itemizes the Parts, Sections and Subsections 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 and Subsections 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*
- 2.2 *Substructures. Earthworks. Foundations. Tunnels*
- 2.3 *Superstructures. Bridges. Large span structures*
- 2.4 *Highway, railway and airport engineering*
- 2.5 *Water engineering*
- 2.6 *Natural waters. Inland. Coastal. Marine*
- 2.8 *Pipelines. Ducts*

Terms are listed alphabetically in the index and are referred to by numbers which are found against the term in the body of the Section. 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 (in this case, the third digit is 0 as there is no subdivision into Subsections). The fourth digit represents the group of terms, the fifth digit represents the subgroup of terms, and the last two digits represent the place within the subgroup.

Alternative terms are given in medium type below the preferred terms 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. 'sewage grit', are written in a direct style, not as 'grit, sewage'. The inverted term is included in the index with a reference to the direct term.

Italicized words in definitions indicate that they are defined elsewhere in this Section.

This British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

No.	Term	Definition
270 1 Solid waste		
270 11 Base terms		
270 1101	residue	Material left over from consumption or a process.
270 1102	waste <i>refuse deprecated</i>	Discarded <i>residue</i> for disposal or recovery.
270 1103	solid waste <i>rubbish deprecated</i>	<i>Waste</i> with insufficient liquid content to be free flowing.
270 1104	household waste domestic waste <i>deprecated</i>	<i>Waste</i> , not <i>hazardous waste</i> , that arises from the domestic use of a private dwelling, residential home, educational establishment, hospital or nursing home.
270 1105	commercial waste trade waste <i>deprecated</i>	<i>Waste</i> produced by the operation of a trade or business.
270 1106	industrial waste	<i>Waste</i> from industrial activity or process.
270 1107	construction waste	<i>Waste</i> from demolition or construction works.
270 1108	hazardous waste	<i>Waste</i> that could be harmful or dangerous to persons, or that could adversely affect the biological chain.
270 1109	special waste	<i>Hazardous waste</i> , the nature of which and provisions for the disposal of which are designated by regulation.
270 1110	toxic waste	<i>Hazardous waste</i> that contains a significant amount of a poisonous substance.
270 1111	garbage	<i>Solid waste</i> from the storage, handling, sale, preparation, cooking and dispensing of food and produce.
270 1112	swill	Animal feed derived from food <i>waste</i> .
270 1113	salvage <i>scrap deprecated</i>	Material recovered for <i>recycling</i> .
270 1114	litter	<i>Solid waste</i> discarded indiscriminately.
270 1115	ash	Inert and unburnt <i>residue</i> of combustion.
270 1116	humus	Colloidal mass of organic <i>waste</i> that results from vegetable, animal or bacteriological growth and decomposition.
270 1117	sludge	Soft deposit of particulate matter settled from a liquid.
270 12 Storage and handling		
270 1201	waste storage container	Receptacle for storing <i>solid waste</i> .
270 1202	bulk waste storage container	Moveable <i>waste storage container</i> that has a capacity of 1m ³ or more, but does not exceed 30m ³ .

No.	Term	Definition
270 1203	communal waste storage container	Movable <i>waste storage container</i> ; usually situated in a <i>waste storage chamber</i> ; into which <i>solid waste</i> is discharged and that has a capacity of between 0.75 m ³ and 1 m ³ .
270 1204	individual waste container	Portable <i>waste storage container</i> ; that has a capacity of less than 0.12 m ³ .
270 1205	dustbin bin <i>deprecated</i>	Rigid <i>individual waste container</i> with a removable lid.
270 1206	litter bin	Receptacle for <i>solid waste</i> to prevent <i>litter</i> .
270 1207	Falkirk bin	<i>Dustbin</i> that has a metal strap across the top to secure its lid.
270 1208	paper waste sack	Disposable <i>individual waste container</i> made of reinforced paper.
270 1209	plastics waste sack	Disposable <i>individual waste container</i> made of plastics.
270 1210	sack holder	Frame with a hinged lid that holds and protects a disposable <i>individual waste container</i> and keeps it open for use.
270 1211	waste chute refuse chute <i>deprecated</i>	Ventilated, vertical or near-vertical tube that passes from one level of a building to another; with openings that connect with hoppers and that usually terminates at the bottom at the roof of a <i>waste storage chamber</i> .
270 1212	solid waste hopper	Receptacle into which <i>solid waste</i> is placed and from which it is directed into a <i>waste storage container</i> .
270 1213	waste storage chamber	Compartment within which <i>waste</i> is discharged into one or more <i>waste storage containers</i> .
270 1214	bin store bin chamber <i>deprecated</i>	Shelter for one or more <i>individual waste containers</i> .
270 1215	compacted waste container	Transportable <i>waste container</i> in to which <i>solid waste</i> is packed under compression.
270 1216	pneumatic waste conveyor central sug system <i>deprecated</i>	System of interconnecting pipes that uses partial vacuum for removal of <i>solid waste</i> .

270 13 Waste collection

270 1301	waste collection refuse collection <i>deprecated</i>	Removal of <i>solid waste</i> from premises.
270 1302	waste collection vehicle refuse vehicle <i>deprecated</i> dust cart <i>deprecated</i>	Conveyance used to transport <i>solid waste</i> during <i>waste collection</i> .
270 1303	Chelsea side loader	<i>Waste collection vehicle</i> that has sliding panels along its length.
270 1304	gravity packer vehicle	<i>Waste collection vehicle</i> , the body of which is moved hydraulically from the horizontal to the vertical to allow <i>solid waste</i> to be compacted by its own weight.
270 1305	compactor vehicle	<i>Waste collection vehicle</i> that contains a mechanical device to reduce the volume of <i>solid waste</i> .

No.	Term	Definition
270 1306	horizontal discharge vehicle	<i>Waste collection vehicle</i> that is emptied from one end by means of a hydraulic ram.
270 1307	vertical discharge vehicle	<i>Waste collection vehicle</i> that is emptied from one end by tilting its body hydraulically.
270 1308	dustless loading system	Mechanical system of emptying <i>dustbins</i> into a <i>waste collection vehicle</i> that prevents escape of dust.
270 1309	waste skip	Transportable <i>waste storage container</i> that can be loaded on to and unloaded from a vehicle.
270 1310	bottle bank	Receptacle for bottles intended for <i>recycling</i> .
270 1311	transfer loading	Transfer of <i>solid waste</i> from <i>waste collection vehicles</i> to containers or vehicles for long distance transportation.
270 1312	solid waste transfer station	Site where <i>solid waste</i> is temporarily stored in bulk before being transported for treatment or disposal.
270 1313	water borne solid waste removal system	System of interconnecting pipes for removal of <i>solid waste</i> assisted by water flow.

270 14 Processing

270 1401	recycling	Recovery of material from <i>solid waste</i> for reuse or conversion.
270 1402	solid waste separation	Mechanical division of <i>solid waste</i> into specific categories.
270 1403	solid waste sorting	Manual separation of <i>solid waste</i> into its constituents.
270 1404	ballistic separator	Plant for <i>solid waste separation</i> in which <i>solid waste</i> is dropped into a high speed rotary impeller that throws off materials of different bulk densities and physical characteristics into separate collecting bins.
270 1405	magnetic separator	Electromagnetic plant for removing ferrous metals from <i>solid waste</i> .
270 1406	waste pulverizer	Plant that breaks up <i>solid waste</i> to reduce its size by pressure, impact or shredding.
270 1407	hammer mill pulverizer	<i>Waste pulverizer</i> that consists of a drum with beaters mounted on a rotating shaft.
270 1408	fragmentizer	<i>Waste pulverizer</i> that shreds or breaks up large pieces of metal to produce metal as <i>salvage</i> .
270 1409	rotary drum pulverizer	<i>Waste pulverizer</i> that consists of a drum that may have fixed bars or baffles, in which wetted <i>solid waste</i> is broken down by rotatory action.
270 1410	shredder	<i>Waste pulverizer</i> that reduces the size of <i>solid waste</i> by cutting.