

BRITISH STANDARD

Building and civil engineering – Vocabulary –

Part 7: Services

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Documents

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Foreword

Publishing information

This part of BS 6100 is published by BSI and came into effect on 31 January 2008. 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 has been prepared under the direction of Technical Committee B/500, *Basic data*. It supersedes BS 6100-3.1:1986, BS 6100-3.2.1:1984, BS 6100-3.2.2:1984, BS 6100-3.3:1992 and BS 6100-3.4:1985, which are withdrawn.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.

The terms included in this Part are those considered relevant to building and civil engineering. It does not cover terms and definitions dealing with the more specialized aspects of lamps and lighting design. Note has been taken of relevant international work, and definitions included in this Part are technically equivalent to those included in IEC 50 (45) “International Electrotechnical Vocabulary — Chapter 45: Lighting”) published by the International Electrotechnical Commission (IEC) produced jointly with the Commission Internationale de l’Eclairage (CIE). However, certain of the definitions have been simplified in their mode of expression to make them more readily comprehensible to non-specialist users of this glossary.

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 for the systems, installations and equipment that:

- a) provide water, electricity, heat, warm air and gases;
- b) facilitate internal communication and transport, lighting and waste removal.

This standard does not define terms outside the curtilage of premises, e.g. water supply and public health engineering, which are both covered in BS 6100-6.

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.
- 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.

Alternative terms are given in medium type below preferred terms which are given in bold type. All alternative terms have the status of being deprecated. Abbreviations are given in bold type below the terms to which they relate.

In the vocabulary, terms of more than one word are written in their natural word order, e.g. pedestal elbow, and the word order is not inverted, e.g. elbow, pedestal. However, inverted forms of a term are included in the index in BS 6100-0.

Terms are only given in the singular form, even when the plural form is more common (unless the term is only found in the plural form).

3 Energy sources and distribution (07 1xxxx)

3.1 Parts (07 12xxx)

- 07 12001 burner**
complete unit on which, or in which, a flame is maintained
- 07 12002 fire valve**
valve (01) provided in a **pipe** (01) carrying flammable liquid or **gas** (BS 1179) to cut off supply, automatically or by fire
- 07 12003 gas main**
pipe (01) to convey **gas** (BS 1179) in a manufacturing or **distribution** (07 14001) system, other than a **service pipe** (BS 1179-6) or an **installation pipe** (BS 1179-6)
- 07 12004 emergency gas control**
valve (01) that enables a supply of **gas** (BS 1179) to be shut off in an emergency
- 07 12005 flexible gas meter connection**
pipe (01), semi-rigid to allow for adjustment, that connects a **meter governor** (BS 1179) to a **meter control** (BS 1179-6)
- 07 12006 pedestal elbow**
restrictor elbow
elbow (07 42171) with **throat restrictor** (BS 1846-1) and integral **plug** (07 42204) to provide a temporary seal
- 07 12007 oil storage tank**
main tank to which **oil fuel** (07 19001) is delivered and from which it is supplied to an **appliance** (01) or **oil service tank** (07 12008)
- 07 12008 oil service tank**
secondary tank from which **oil fuel** (07 19001) is fed to a single **appliance** (01)
- 07 12009 central oil storage**
system in which **oil fuel** (07 19001) for more than one consumer is held in a common **oil storage tank** (07 12007)
- 07 12010 fill pipe**
pipe (01) that connects an **oil storage tank** (07 12007) to a remote **filling point** (07 12011)
- 07 12011 filling point**
point accessible to a vehicle to which delivery of **oil fuel** (07 19001) is made
- 07 12012 catchpit**
sump (01) or **well** (05 21002) below **ground level** (01) immediately beneath a tank or tanks to contain leakage or spillage
- 07 12013 outflow heater**
equipment adjacent to the outlet from an **oil storage tank** (07 12007) to raise the temperature of **oil fuel** (07 19001) to facilitate flow

- 07 12014 bulk heater**
equipment to heat all the contents in an **oil storage tank** (07 12007)
- 07 12016 oil meter**
measuring instrument (BS 6953) indicating and sometimes recording the volume of **oil fuel** (07 19001) passing through it
- 07 12017 overfill alarm**
device indicating that the level of **oil fuel** (07 19001) in a **oil storage tank** (07 12007) is approaching maximum during delivery
- 07 12018 dump valve**
automatically operated **valve** (01) that allows the contents of an **oil service tank** (07 12008) to drain rapidly to an **oil storage tank** (07 12007) in the event of fire
- 07 12019 gravity feed system**
system in which **oil fuel** (07 19001) flows from an **oil storage tank** (07 12007) to an **appliance** (01) entirely by gravity
- 07 12020 sub-gravity feed system**
system in which a **pump** (01) draws **oil fuel** (07 19001) from an **oil storage tank** (07 12007) that is below the level of the **pump** (01) and supplies it to an **installation** (01)
- 07 12021 oil ring main system**
firing system round which **oil fuel** (07 19001) is circulated and supplied to **burners** (07 12001) as required
- 07 12022 hot oil ring main**
oil ring main system (07 12021) in which **oil fuel** (07 19001) is maintained at a temperature required for supply to **burners** (07 12001)
- 07 12023 warm oil ring main**
oil ring main system (07 12021) in which **oil fuel** (07 19001) is maintained at a temperature above ambient temperature but below that required by **burners** (07 12001)
- 07 12024 cold oil ring main**
oil ring main system (07 12021) in which **oil fuel** (07 19001) is unheated
- 07 12025 trace heater**
equipment that maintains required temperature along an **oil fuel** (07 19001) **pipe** (01)
- 07 12026 steam tracer line**
pipe (01) in which steam flows parallel to an **oil fuel** (07 19001) **pipe** (01) as a **trace heater** (07 12025)
- 07 12027 vaporizing oil burner**
burner (07 12001) in which **oil fuel** (07 19001) is vaporized before mixed with air to form a combustible mixture
- 07 12028 atomizing oil burner**
burner (07 12001) in which **oil fuel** (07 19001) is reduced to finely divided droplets before being mixed with air to form a combustible mixture

- 07 12029 coal bunker**
container for storing **solid mineral fuel** (BS 1846-1)
NOTE Usually for domestic use.
- 07 12030 brick central unit**
centrally sited **brick** (01) chamber that contains a stand-in domestic **solid fuel appliance** (BS 1846-1) with **chimney** (01) seal
- 07 12031 industrial solid fuel appliance**
solid fuel appliance (BS 1846-1) of rated output above 45 kW
- 07 12032 normal output back boiler**
back boiler (BS 1846-1) that provides hot water for domestic use
- 07 12033 high output back boiler**
back boiler (BS 1846-1) that provides hot water for domestic use and space heating
- 07 12034 generator**
machine for converting mechanical **energy** (01) into **electric** (07 17002) **energy** (01)
- 07 12035 transformer**
equipment that transfers **electric** (07 17002) **energy** (01) without change of frequency at different values of **voltage** (BS 4727-1 Group 01)
- 07 12036 substation**
installation (01) that comprises a **transformer** (07 12035) and its enclosure
- 07 12037 single phase voltage source**
source that supplies single **alternating voltage** (BS 4727-1 Group 01)
- 07 12038 single phase current source**
source that supplies single **alternating current** (BS 4727-1 Group 01)
- 07 12041 electric meter**
device that measures, indicates and sometimes records the quantity of electricity supplied to an **installation** (01)
- 07 12043 Category 1 circuit**
circuit (BS 4727-1 Group 01) other than a fire alarm or **emergency lighting** (07 52017) **circuit** (BS 4727-1 Group 01) operating at **low voltage** (07 19006) supplied directly from a mains supply
- 07 12044 Category 2 circuit**
circuit (BS 4727-1 Group 01) supplied from a safety source for **telecommunication** (01)
- 07 12045 Category 3 circuit**
fire alarm **circuit** (BS 4727-1 Group 01) or **emergency lighting** (07 52017) **circuit** (BS 4727-1 Group 01)
- 07 12046 final circuit**
circuit (BS 4727-1 Group 01) connected directly to equipment powered by **current** (BS 4727-1 Group 01), to a **socket outlet** (07 12091) or other **electric point** (07 12092) for the connection of such equipment

- 07 12047 ring circuit**
final circuit (07 12046) arranged in the form of a ring and connected to a single point of supply
- 07 12048 radial circuit**
final circuit (07 12046) in which the **cables** (07 12056) radiate from a single point of supply
- 07 12049 auxiliary circuit**
 group of electric **circuits** (BS 4727-1 Group 01) carrying the **current** (BS 4727-1 Group 01) of auxiliaries
NOTE Fans (13 86030), air compressors (13 46009) are examples of auxiliaries.
- 07 12050 control circuit**
auxiliary circuit (07 12049) at a lower **voltage** (BS 4727-1 Group 01) than a main **electric circuit** (BS 4727-1 Group 01), that controls equipment
- 07 12051 short circuit**
 accidental or intentional connection by a relatively low resistance or **impedance** (11 27106), or two or more points in an **electric circuit** (BS 4727-1 Group 01), that are at different **voltages** (BS 4727-1 Group 01)
- 07 12052 exposed conductive part**
 conductive part of equipment that can be touched and is not a live part but which might become live under **fault** (01) conditions
- 07 12053 phase conductor**
conductor (BS 4727-1 Group 01) of an **alternating current** (BS 4727-1 Group 01) system for the transmission of **electric** (07 17002) **energy** (01) other than a **neutral conductor** (07 12054)
- 07 12054 neutral conductor**
conductor (BS 4727-1 Group 01) connected to the **electrically neutral** (BS 4727-1 Group 01) point of a system that contributes to transmission of **electric** (07 17002) **energy** (01)
- 07 12055 busbar**
 rigid, high conductivity **conductor** (BS 4727-1 Group 01) of solid or hollow cross-section used as a common supply to a number of other **conductors** (BS 4727-1 Group 01)
- 07 12056 cable**
 single insulated **conductor** (BS 4727-1 Group 01), solid or stranded, or two or more such **conductors** (BS 4727-1 Group 01)
- 07 12057 mineral insulated cable**
cable (07 12056) insulated with mineral powder, enclosed in a metal sheath
NOTE Usually a copper metal sheath.
- 07 12058 bunched cabling**
 two or more **cables** (07 12056) bound together or contained within a single electric **conduit** (01), **cable duct** (07 12085) or **trunking** (07 12087)

- 07 12059 spur**
branch **cable** (07 12056) connected to a **ring circuit** (07 12047) or **radial circuit** (07 12048)
- 07 12060 earth**
conductive mass of the earth, whose electric **potential** (11 27111) at any point is conventionally taken as zero
- 07 12061 earth electrode**
conductor (BS 4727-1 Group 01) or group of **conductors** (BS 4727-1 Group 01) in intimate contact with, and providing an **electrical** (07 17003) connection to **earth** (07 12060)
- 07 12062 earth leakage current**
current (BS 4727-1 Group 01) that flows to **earth** (07 12060) or to extraneous conductive parts in an electric **circuit** (BS 4727-1 Group 01) that is electrically sound
- 07 12063 extraneous conductive part**
conductive part liable to introduce an electric **potential** (11 27111) but not forming part of an **electrical** (07 17003) **installation** (01)
- 07 12064 equipotential bonding**
electric (07 17002) connection that puts **exposed conductive parts** (07 12052) and **extraneous conductive parts** (07 12063) at a substantially equal electric **potential** (11 27111)
- 07 12065 connector**
part of a **cable** (07 12056) coupler or of an **appliance** (01) coupler that is provided with female contacts and is intended to be attached to a flexible **cable** (07 12056) connected to an **electric** (07 17002) supply
- 07 12066 delta connection**
three-phase mesh connection with three **terminals** (BS 4727-1 Group 01)
- 07 12068 solenoid**
coil of **conductive material** (01) that produces a magnetic field when passing **current** (BS 4727-1 Group 01)
- 07 12069 main earthing terminal**
terminal (BS 4727-1 Group 01) for the connection of protective **conductors** (BS 4727-1 Group 01) to the principal means of earthing
- 07 12070 parallel connection**
connection of devices so the same **voltage** (BS 4727-1 Group 01) is applied to all of them
- 07 12071 series connection**
connection of devices so that the same **current** (BS 4727-1 Group 01) passes through all of them
- 07 12072 distribution board**
board on which connections are made for distribution of electric **circuits** (BS 4727-1 Group 01)
*NOTE Usually through **fuses** (07 12080) or **circuit breakers** (07 12074)*
- 07 12073 contactor**
device that makes or breaks an electric **circuit** (07 12074)

- 07 12074 circuit breaker**
switching device capable of making, carrying and breaking **current** (07 12074) under normal electric **circuit** (07 12074) conditions and of making, carrying for a specified time and breaking **current** (07 12074) under specified abnormal conditions
- 07 12075 switch**
mechanically operated **contactor** (07 12073)
- 07 12076 linked switch**
switch (07 12075) the contacts of which are arranged to make or break all poles simultaneously or in a defined sequence
- 07 12077 double pole switch**
linked switch (07 12076) with two poles
- 07 12078 main switch**
switch (07 12075) or **circuit breaker** (07 12074) provided for every **electrical** (07 17003) **installation** (01), that interrupts all live **conductors** (BS 4727-1 Group 01)
- 07 12079 relay**
electromagnetically operated **contactor** (07 12073) for making and breaking a **control circuit** (07 12050)
- 07 12080 fuse**
device that breaks an **electric circuit** (BS 4727-1 Group 01) by melting its conductive part when the **current** (BS 4727-1 Group 01) exceeds a specified value
- 07 12081 fuse element**
conductive part of a **fuse** (07 12080)
- 07 12082 fuse link**
part of a **fuse** (07 12080) that requires replacement after the **fuse** (07 12080) has operated
- 07 12083 switchgear**
assembly (01) of main and auxiliary switching apparatus for operation, regulation, protection or other control of an **electrical** (07 17003) **installation** (01)
- 07 12084 switchboard**
assembly (01) of **switchgear** (07 12083) excluding groups of local **switches** (07 01275) in **final circuits** (07 12046)
cf. **switchboard** (07 22025)
- 07 12085 cable duct**
manufactured enclosure of metal or **insulating material** (01), other than electric **conduit** (01) or **trunking** (07 12087) intended for the protection of **cables** (07 12056) but not intended to form part of a **building** (01) **structure** (01)
- 07 12086 junction box**
housing inside which **cables** (07 12056) from various **electrical** (07 17003) **components** (01) are connected electrically

- 07 12087 trunking**
system of enclosures, of square or rectangular cross-section, for the protection of **cables** (07 12056); one side is removable or hinged
- 07 12088 armouring**
metal covering that protects **cables** (07 12056) against mechanical damage
NOTE Usually flexible.
- 07 12089 braiding**
plaited covering that protects **cables** (07 12056)
NOTE Usually fibrous or metallic.
- 07 12090 cable entry**
device that permits the introduction of **cables** (07 12056) into **electrical** (07 17003) apparatus
- 07 12091 socket outlet**
device installed at an **electric point** (07 12092) to receive an **electric plug** (07 12093)
- 07 12092 electric point**
termination of fixed wiring intended for connection of **electrical** (07 17003) equipment
- 07 12093 electric plug**
device with contact pins to be attached to a flexible **cable** (07 12056) to provide temporary connection to an **electric** (07 17002) supply
- 07 12094 solar heating system**
heating system employing **solar energy** (07 19011)
- 07 12095 direct solar heating system**
solar heating system (07 12094) in which water is passed through the **solar collector** (01)
- 07 12096 indirect solar heating system**
solar heating system (07 12094) in which a liquid other than water is passed through the **solar collector** (01)
- 07 12097 open solar heating system**
solar heating system (07 12094) in which **heat transfer fluid** (07 19012) is in extensive contact with the atmosphere
- 07 12098 vented solar heating system**
solar heating system (07 12094) in which contact between **heat transfer fluid** (07 19012) and the atmosphere is restricted to the free surface of a feed and expansion system
- 07 12099 sealed solar heating system**
solar heating system (07 12094) in which **heat transfer fluid** (07 19012) is completely sealed from the atmosphere
- 07 12100 gravity solar heating system**
solar heating system (07 12094) in which circulation of **heat transfer fluid** (07 19012) is achieved by natural convection

- 07 12101 pumped solar heating system**
solar heating system (07 12094) in which **heat transfer fluid** (07 19012) is circulated by means of a **pump** (01)
- 07 12102 drainback solar heating system**
solar heating system (07 12094) in which, as part of a normal working cycle, a **solar collector** (01) is automatically drained and refilled with **heat transfer fluid** (07 19012)
- 07 12103 draindown solar heating system**
solar heating system (07 12094) in which **heat transfer fluid** (07 19012) is retained until manual draining takes place
- 07 12105 absorber plate**
 element of a **solar collector** (01) that receives and absorbs **solar energy** (01) and converts it into heat
- 07 12106 preheat vessel**
 thermal store for **energy** (01) transferred from a **solar collector** (01)
- 07 12107 collector aperture**
 part of the outer surface of a **solar collector** (01) that admits **solar energy** (01) to an **absorber plate** (07 12105)
*NOTE Includes any **glazing bars** (BS EN 12519) or supports over the **absorber plate** (07 12105).*
- 07 12108 differential temperature controller**
 device that is able to detect a small temperature difference and to control **pumps** (01) and other **electrical** (07 17003) devices in accordance with this temperature difference
- 07 12109 flat plate collector**
solar collector (01) that employs no concentration of incident solar radiation and in which the **absorber plate** (07 12105) is essentially planar
- 07 12110 trickle collector**
flat plate collector (07 12109) in which **heat transfer fluid** (07 19012) flows down the **absorber plate** (07 12105) surface
- 07 12112 embedded collector**
solar collector (01) in which fluid passages are embedded either in the **ground** (01) or within a **concrete** (01) or **asphalt** (01) covering
- 07 12113 unglazed collector**
solar collector (01) in which the front surface of the **absorber plate** (07 12105) is exposed to the surrounding air
- 07 12114 glazed collector**
solar collector (01) in which the **absorber plate** (07 12105) is covered by a translucent **glazing** (01) **material** (01)
- 07 12122 district heating**
distribution (07 14001) of heating fluid from a central source to a number of consumers in a district
- 07 12123 group heating**
distribution (07 14001) of heating fluid from a central source to a number of consumers to one estate or in one set of **buildings** (01)

- 07 12124 central energy station installation** (01) in which fluid for **district heating** (07 12122) or **group heating** (07 12123) is heated before **distribution** (07 14001) and in which electricity can be generated
- 07 12125 heat exchange station installation** (01) in which **district heating primary distribution** (07 12129) supplies **energy** (01) through a heat exchanger to **district heating secondary distribution** (07 12130) at a lower temperature
- 07 12126 district heating two pipe system**
system of **district heating** (07 12122) in which there is one **flow pipe** (07 42085) and one **return pipe** (07 42086)
- 07 12127 district heating three pipe system**
system of **district heating** (07 12122) in which there is a **flow pipe** (07 42085) and a **return pipe** (07 42086), and an additional smaller **flow pipe** (07 42085) for reduced summer load
- 07 12128 district heating four pipe system**
system of **district heating** (07 12122) in which separate **flow pipe** (07 42085) and **return pipe** (07 42086) are provided for heating and hot water purposes
- 07 12129 district heating primary distribution**
part of a **district heating** (07 12122) **installation** (01) between a **central energy station** (07 12124) and the furthest point from which several consumers are served
- 07 12130 district heating secondary distribution**
part of a **district heating** (07 12122) **installation** (01) between the end of its **district heating primary distribution** (07 12129) and the supply of heating fluid to individual consumers
- 07 12131 pipe-in-pipe pipe assembly** (01) consisting of an insulated **service pipe** (07 42080) encased in a pressure-tight **casing** (01) of suitable **material** (01)
- 07 12132 heat meter**
device that measures and indicates **energy** (01) supplied, by combining **flow** (01) and temperature signals
NOTE Can also record information.
- 07 12133 oxygen trim**
system to control air: fuel ratio in a **burner** (07 12001) according to the proportion of oxygen in the **flue gas** (BS EN 1443)
- 07 12134 inspection door door** (01) that provides access to an interior for **maintenance** (01)
- 07 12135 ridge terminal terminal** (BS 1179-6) that forms part of a **ridge** (01)
- 07 12136 flue gas sampling point**
tapping in a **flue** (01) that enables a **sample** (01) of **flue gas** (BS EN 1443) to be obtained

- 07 12137 economic boiler**
horizontal **shell boiler** (BS 1846-1) in which **products of combustion** (BS EN 1443) pass at least twice through the full length of the vessel
- 07 12138 water tube boiler**
boiler in which water circulates through banks of heated **tubes** (01)
- 07 12139 sectional boiler**
boiler assembled from **components** (01) that have individual integral **waterways** (07 42112)
- 07 12140 economiser**
apparatus that comprises water **tubes** (01) set in the path of **products of combustion** (BS EN 1443) to pre-heat feed water for a boiler

3.2 Materials (07 13xxx)

- 07 13001 electrical insulation**
non-conductive **material** (01) that encloses, surrounds or supports a **conductor** (BS 4727-1 Group 01)
- 07 13002 basic insulation**
electrical insulation (07 13001) applied to live parts to provide basic protection against **electric** (07 17002) shock
- 07 13003 double insulation**
electrical insulation (07 13001) that comprises both **basic insulation** (07 13002) and **supplementary insulation** (07 13004)
- 07 13004 supplementary insulation**
independent **electrical insulation** (07 13001) to provide protection against **electric** (07 17002) shock in the event of **failure** (11 17012) of **basic insulation** (07 13002)
- 07 13005 single insulation**
electrical insulation (07 13001) applied as one homogeneous piece or as several layers that cannot be tested singly
- 07 13006 reinforced insulation**
single insulation (07 13005) applied to live parts providing protection against **electric** (07 17002) shock equivalent to that provided by **double insulation** (07 13003)

3.3 Activities (07 14xxx)

- 07 14001 distribution**
orderly dispersal of an **energy** (01) medium or fluid between sources and points of use

3.4 Plant, equipment and documentation (07 16xxx)

- 07 16001 flue gas monitor**
device that measures and indicates the proportion of a constituent in **flue gas** (BS EN 1443)

NOTE Can also record information.

3.5 Properties (07 17xxx)

- 07 17001 rated heat input**
manufacturer's declared heat input for an **appliance** (01)
- 07 17002 electric**
containing, producing, arising from or actuated by electricity
- 07 17003 electrical**
related to or associated with electricity, but not having its **properties** (01)
- 07 17005 heat load density**
ratio of the rate of required heat to the area of the district served
- 07 17006 equivalent height**
height (01) of a vertical **flue** (01) that would provide the same flow as the installed **flue** (01)

3.6 Miscellaneous (07 19xxx)

- 07 19001 oil fuel**
liquid **fuel** (01) produced by refining petroleum
- 07 19002 kerosine**
distillate **oil fuel** (07 19001) for use in **vaporizing oil burners** (07 12027) and **atomizing oil burners** (07 12028) in **oil fuel** (07 19001) **appliances** (01) connected to **flues** (01)
- 07 19003 paraffin**
distillate **oil fuel** (07 19001) of **kerosine** (07 19002) type, that has been subjected to additional refining for use in **lamps** (07 52022) and flueless **oil fuel** (07 19001) heating **appliances** (01)
- 07 19004 fuel oil**
residual or blended **oil fuel** (07 19001) requiring pre-heating before use in **atomizing oil burners** (07 12028)
- 07 19005 extra low voltage**
voltage (BS 4727-1 Group 01) that does not exceed 50 V **alternating current** (BS 4727-1 Group 01)
- 07 19006 low voltage**
voltage (BS 4727-1 Group 01) that exceeds **extra low voltage** (07 19005) but does not exceed 1000 V
- 07 19007 high voltage**
voltage (BS 4727-1 Group 01) that exceeds **low voltage** (07 19006)
- 07 19008 overcurrent**
current (BS 4727-1 Group 01) exceeding a rated value
*NOTE For **conductors** (BS 4727-1 Group 01) the rated value is the current carrying capacity.*
- 07 19009 overload current**
overcurrent (07 19008) in a **circuit** (BS 4727-1 Group 01) that remains electrically sound

- 07 19010 electric load**
power (01) required by an **appliance** (01) from a **circuit** (BS 4727-1 Group 01)
- 07 19011 solar energy**
radiant **energy** (01) from the sun
- 07 19012 heat transfer fluid**
fluid that passes through a **solar collector** (01) and removes heat from an **absorber plate** (07 12105)

4 Internal communication (07 2xxxx)

4.1 Parts (07 22xxx)

- 07 22001 public telecommunications network**
network (01) of **telecommunication** (01) facilities for use by the public
- 07 22002 internal telephone system**
system providing telephone communication between locations within the same premises
- 07 22003 telecommunications distribution system**
conductors (BS 4727-1 Group 01) and associated connecting devices that allow **telecommunication** (01) between **telecommunications terminal devices** (07 22029) within the premises, or between devices within the premises and the **public telecommunications network** (07 22001)
- 07 22004 internal cable distribution system**
part of a **telecommunications distribution system** (07 22003) that provides inter-connection between a number of **telecommunications terminal devices** (07 22029)
- 07 22005 distribution point**
location in a **telecommunications distribution system** (07 22003) at which **cables** (07 12056) terminate and from which connections to individual **telecommunications outlets** (07 22012) can be made
- 07 22006 test jack frame**
structure (01) connected to the whole or a part of a **private branch exchange** (07 22021) to provide a facility for disconnection and testing
- 07 22007 British Telecom distribution frame**
structure (01) within a **telecommunications distribution system** (07 22003) provided by British Telecom as a terminating point
- 07 22008 user distribution frame**
structure (01) within a **telecommunications distribution system** (07 22003) that a user might provide in addition to a **test jack frame** (07 22006) as an interconnection point for **cables** (07 12056)
- 07 22009 cable branching point**
location in a **telecommunications distribution system** (07 22003) at which the **conductors** (BS 4727-1 Group 01) of one **cable** (07 12056) are divided into two or more **cables** (07 12056) of smaller capacity serving different locations

- 07 22010 under-floor distribution**
method of distributing **telecommunications circuits** (07 22016) in which **cables** (07 12056) are routed in permanent **ducts** (01) laid in the **floor** (01) surface or in the void beneath a **suspended floor** (01)
- 07 22011 under-carpet distribution**
method of distributing **telecommunications circuits** (07 22016) in **cables** (07 12056) of special ribbon construction that allows them to be laid between a **structural floor** (06 42002) surface and a covering without presenting a hazard to foot or other traffic
- 07 22012 telecommunications outlet**
apparatus located where a flexible **cable** (07 12056) is connected to a **telecommunications terminal device** (07 22029)
- 07 22013 waveguide**
metal **tube** (01) for transmission of electromagnetic **energy** (01)
- 07 22014 coaxial cable**
cable (07 12056) that consists of one or more pairs of **conductors** (BS 4727-1 Group 01) with one **conductor** (BS 4727-1 Group 01) of each pair being a **tube** (01) coaxially surrounding the other
- 07 22015 telecommunications channel**
means of transmission of signals in one direction between two points
- 07 22016 telecommunications circuit**
combination of two **telecommunications channels** (07 22015) that permits transmission in both directions between two points
- 07 22017 aerial**
part of a communications system that radiates electromagnetic waves into free space or receives them
- 07 22018 satellite link aerial**
aerial (07 22017) for communication via an artificial satellite positioned above the earth
- 07 22019 inductive loop**
specialized **aerial** (07 22017), looped around a **building** (01) that transmits and receives signals to or from portable **telecommunications terminal device** (07 22029)
- 07 22020 exchange premises**
room (01) or **building** (01) that houses **exchange equipment** (07 22024)
- 07 22021 private branch exchange**
exchange equipment (07 22024) that provides internal communication and has connection to the **public telecommunications network** (07 22001)
- 07 22022 private automatic branch exchange**
private branch exchange (07 22021) that functions on an automatic basis
- 07 22023 private manual branch exchange**
private branch exchange (07 22021) that functions on a manual basis