

List of Definitions

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Access Authority means any form of authorisation which allows access to, work on or near, or testing of *electrical apparatus*.

Approved means having appropriate organisation endorsement in writing for a specific function.

Authorised Person means a person with technical knowledge or sufficient experience who has been *approved*, or has the delegated authority to act on behalf of the *Network Operator*, to perform the duty concerned.

Cable means an *insulated conductor* or two or more such *conductors* laid together, whether with or without fillings, reinforcements or protective coverings.

Competent means having the skills, knowledge and attributes a person needs to complete a task.

Confined Space means *confined space* as defined in Australian Standard AS/NZS 2865:2001 *safe working in a confined space*.

Conductor means a wire, *cable* or form of metal designed for carrying electric current.

Contractor means an entity engaged by a *Network Operator* to carry out work on the *electricity network*.

De-energised means not connected to any source of electrical *supply* but not necessarily *isolated*.

Earthed means directly electrically connected to the general mass of earth, so as to ensure and maintain the effective dissipation of electrical energy.

Electrical Apparatus means any electrical equipment, including *overhead lines* and underground *cables*, the *conductors* of which are *live* or can be made *live*.

Electrical Operating Work means work involving the operation of switching devices, links, fuses, or other connections intended for ready removal or replacement, proving electrical *conductors de-energised*, locking and tagging of *electrical apparatus* and erection of barriers and signs.

Electricity Network means transmission and/or distribution systems consisting of *electrical apparatus* which are used to convey or control the conveyance of electricity between generators' points of connection and customers' points of connection.

Employee means a worker engaged by an *employer* (whether under a contract of employment or apprenticeship) and includes a *Contractor* or sub-*Contractor*, and a person employed by a *Contractor* or sub-*Contractor*, who carries out work for an *employer*.

Employer means a *Network Operator* or *Service provider*, as the case may be, who engages an *employee*.

Energised means connected to a source of electrical *supply*.

Exposed Conductor means an electrical *conductor*, approach to which is not prevented by a barrier of rigid material or by insulation which is adequate under a relevant Australian Standard specification for the *voltage* concerned.

Hierarchy of Controls means measures taken to minimise risks to the lowest level reasonably practicable in the descending order of Elimination, Substitution, Engineering Controls, Administrative Controls and Personal Protective Equipment.

High-voltage means a *nominal voltage* exceeding 1000 volts a.c. or exceeding 1500 volts d.c.

Instructed Person means a person adequately advised or supervised by an *Authorised Person* to enable them to avoid the dangers which electricity may create.

Insulated means separated from adjoining conducting material by a non-conducting substance which provides resistance to the passage of current, or to disruptive discharges through or over the surface of the substance at the operating *voltage*, and to mitigate the danger of shock or injurious leakage of current.

Isolated means disconnected from all possible sources of electricity *supply* by means which will prevent unintentional energisation of the apparatus and which is assessed as a suitable step in the process of making *safe* for access purposes.

Live means *energised* or subject to hazardous induced or capacitive *voltages*.

Live Work means all work on or on *near* components of *electrical apparatus* that has not been proven *de-energised* in accordance with procedures *approved* by the *network operator*.

Low-voltage means a *nominal voltage* exceeding 50 V a.c./120 V d.c. but not exceeding 1000 V a.c./1500 V d.c.

Near means a situation where there is a reasonable possibility of a person, either directly or through any conducting medium, coming within the relevant *safe approach distances*.

'Network Operator' means the owner, controller or operator of an *electricity network*.

Nominal Voltage means the a.c. (phase to phase r.m.s.) or d.c. *voltage* by which a system of *supply* is designated.

Ordinary Person means a person without sufficient training or experience to enable them to avoid the dangers which *electrical apparatus* may create.

Overhead Line means any aerial *conductor* or *conductors* with associated supports, insulators and other apparatus erected, or in the course of erection, for the purpose of the conveyance of electrical energy.

Procedure means the documentation of a systematic series of actions (or activities) directed to achieve a desired result.

Risk Management means the management of risk in accordance with Australian Standard AS/NZS 4360: 2004 Risk Management.

Safe means not posing an unacceptable risk to life, health or property.

Safe Approach Distance means the minimum separation in air from an *exposed conductor* that *shall* be maintained by a person, or any object (other than *insulated* objects designed for contact with *live conductors*) held by or in contact with that person.

Safety Observer means a person *competent* for the task and specifically assigned the duty of observing and warning of un-Safe approach to *electrical apparatus* or other hazards.

Screened Cable means that the insulation covering the *conductor* cores is covered by a conducting or semi-conducting material which is connected to a neutral or earth.

Service Provider is an entity that undertakes work on an *electricity network* and is not the *Network Operator*.

Shall is to be interpreted as 'mandatory'.

Should is to be interpreted as 'advisory or discretionary'.

Substation means a switchyard, terminal station or place at which *high-voltage supply* is converted or transformed.

Supply means supply of electricity.

Voltage means a potential difference between *conductors* or between *conductors* and the general mass of earth.

