

# 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.

