



Office of The Chief Electrical Inspector

G U I D E L I N E S

PLUG-IN ELECTRICAL EQUIPMENT

(Fixed electrical equipment designed to be easily transportable connected to electricity supply by the insertion of a plug into a socket designed for such a plug)

Easily Transportable Equipment - The following electrical equipment when connected to electricity supply by the insertion of a plug into a socket outlet designed for such a plug is regarded as being designed to be easily transportable:

- > Equipment (specifically an appliance) that is fitted with a connection device not exceeding 15 amps, single/three phase, that conforms to the Australian/New Zealand Standard AS/NZS 3112:2004 & AS/NZS 3123:2000, and is not connected by duct or metallic pipe-work and has a mass not exceeding 18 kg;
- or,*
- > Is permanently fitted with wheels, which allow the appliance to be maneuvered in any direction by a single person without the aid of any device or propulsion unit. (NB. The rails of a rail-mounted appliance are considered to be part of that appliance).

Fixed Electrical Equipment - The following electrical equipment is regarded as fixed, irrespective of the means of connection (e.g. fixed wiring or plug and socket):

- > Equipment, which is either fixed in position, recommended to be fixed in position by the manufacturer or provided with means for fixing.
For the purpose of these guidelines, fixed means secured, attached or connected by conduit, metallic pipe-work, duct, bolt, screw, clip, other fastening device or fixed wiring as defined by AS/NZS 3000:2000.

PLEASE NOTE: Where equipment comprises a number of discrete components that are required to function as a group or operate in a coordinated manner and are connected to the supply via a flexible cord and plug, the equipment shall be considered to be a part of the fixed electrical installation.

Definitions:

1. An 'Appliance' (as defined in AS/NZS 3000:2000) is deemed to be a "*a consuming device, other than a lamp, in which electricity is converted into heat, motion, or any other form of energy, or is substantially, changed in its electrical character*".
2. An Electrical installation (as defined in the Electricity Safety Act 1998) includes "*comprising of fixed electrical equipment designed to be easily transportable connected to electricity supply by the insertion of a plug into a socket designed for such a plug*".
3. Refer also to Victorian Government Gazette No G17 (April 1999) Part 2 Section 4(1)(b) of the Electricity Safety Act 1998.