



Important Safety Notice

To all home and building owners

Earthing of lighting points and luminaires

Western Australian electrical safety regulations require all lighting points to have earth protection using a conductor connected to the main earth of the building's electrical installation. The earthing conductor must be connected to a suitably robust earthing terminal of the lighting point (Australian Standard AS/NZS 3000:2018 Clause 5.4.3).

Luminaires (light fittings) with exposed metallic (conductive) parts also must be earthed using an earthing conductor connected to the earth terminal of the lighting point (Clause 5.4.4).

Unfortunately, home and building owners sometimes purchase lighting fittings from Australian suppliers or online from overseas sources which do not meet the required earthing standard.

Licensed electrical contractors and their employed electricians must refuse to install such fittings unless they can be modified to comply with the earthing safety requirement.

Home and building occupants touch lighting points and fittings when cleaning them, painting adjacent surface areas or replacing light globes, often when on a metallic ladder. It is critical that they do not experience an electrical shock in such circumstances, causing them to fall. Earthing protects them against this.

When new unearthed lighting points and fittings are installed, Electrical Inspectors are obliged to issue an Inspector's Order to the home or building owner requiring the earthing to be corrected.

Please accept the need for this important safety measure and call a licensed electrical contractor to make the necessary earthing modifications. Thank you for your cooperation and contribution to electrical safety.

Saj Khan

DIRECTOR OF ENERGY SAFETY

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