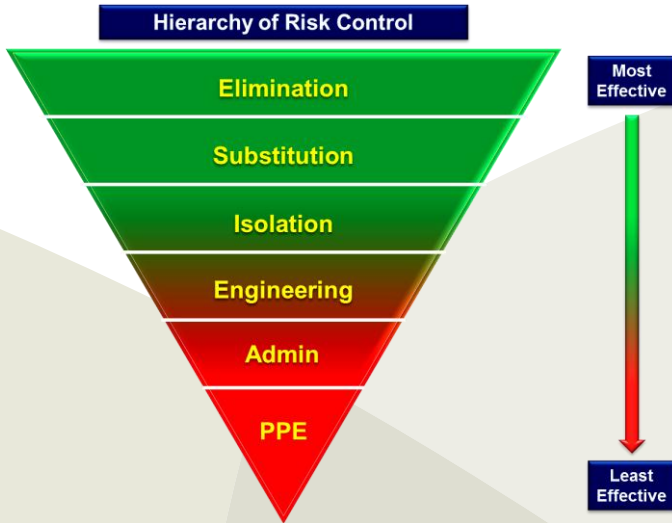


# Controlling Risk

Controlling risk at home and work is essential to the safety of you, your family, employees, clients and the continuity of your business.

The testing of electrical equipment is targeted toward removing (Eliminating) the hazard completely from the workplace and/or home.



## Definitions

- **Hazard:** A thing or situation that has the potential to cause harm or damage to people, environment and/or equipment.
- **Risk:** The potential or likelihood that the hazard will cause harm or damage to people, environment and/or equipment.
- **Elimination:** Totally remove the hazard.
- **Substitution:** Swap with a safer product / process that is comparable, giving the same final product / business outcome.
- **Isolation:** Move the hazard, place in another room, etc...
- **Engineering:** Install machine guarding, dust extraction, safety rails, etc...
- **Administration:** Develop procedures, training, signage, shift consideration, etc...
- **Personal Protective Equipment:** Use gloves, glasses, safety boots, dust masks, etc...

CONTACT US TODAY



## P&B Electrical Test & Tag Services

Mobile: 0403 049 656

Fax: (08) 6210 1113

[customer.service@pbtestntag.com](mailto:customer.service@pbtestntag.com)

[www.pbtestntag.com](http://www.pbtestntag.com)

Obligation Free Quote

[www.pbtestntag.com/quote.html](http://www.pbtestntag.com/quote.html)

## USING ELECTRICAL APPLIANCES?

ARE YOU SAFE?

ARE YOUR CLIENTS SAFE?

ARE YOUR EMPLOYEES SAFE?

IS YOUR BUSINESS SAFE?

ARE YOU COMPLIANT?

NOT 100% SURE?

**WE CAN HELP**



## P&B Electrical Test & Tag Services

## Welcome

P&B Electrical Test & Tag Services is dedicated to improving safety so that you, your employees and your clients can return home at the end of the day unaffected by electrical hazards.

Let us help you to remove these electrical hazards from your workplace while achieving compliance with OH&S Legislation and Australian Standards.

You will quickly find that our services are professional, courteous and effective in the removal of these hazards.

We look forward to working with you to improve safety.

Many Thanks

**Paul Robinson**

Business Owner

### Why Should I Have My Electrical Equipment Tested?

#### OH&S Legislation states that

*An employer, self-employed person, main contractor, person having control of a workplace or person having control of access to a workplace must ensure that electrical equipment and RCDs at the workplace are subject to the appropriate checks, tests and inspections necessary to reduce the risk of injury or harm occurring to a person at that workplace.*

#### Which Australian Standards Apply To Testing & Tagging?

- **AS/NZS 3760** - In Service Safety Inspection & Testing of Electrical Equipment
- **AS/NZS 3012** - Electrical Installations - Construction & Demolition Sites
- **AS/NZS 2293** - Emergency evacuation lighting for buildings - Inspection and maintenance
- **AS/NZS 60335** - Household & Similar Electrical Appliances - Safety



#### PAT Testing:

PAT or 'Portable Appliance Testing' is the process of conducting very specific tests on electrical equipment using a portable appliance tester.

The tests identified below ensure that the equipment is operating correctly and does not represent a hazard with the potential to electrocute:

- Visual Inspection
- Earth Continuity / Resistance
- Polarity
- Insulation Resistance
- Earth Leakage

#### RCD Testing:

Residual Current Devices are designed to minimise a potential of electrocution. They detect differential between the live and neutral conductors. If the differential is greater than the design level of the RCD it will cut power in a matter of milliseconds.

It is critical to ensure that the RCD trips within the design time to minimise the potential for electrocution.

#### Microwave Leakage Testing:

Microwave ovens have several inbuilt safety systems to ensure that the operator is not subjected to microwaves, which have been linked to several medical conditions including cancer. The door and door seal however are all too often damaged or have a build-up of dirt, allowing microwaves to leak into the local area.

#### Emergency Exit Lighting:

Emergency exit lighting is critical to the effective identification of exit / evacuation points in the case of power failure. All illuminated exit signs are to be tested every 6 months and fully maintained every 12 months to comply with Australian Standards.



### Why P&B Electrical Test & Tag Services?

- Dedicated to Safety, with 25 Year's Experience.
- Strong Customer Focus.
- Personal Service Guaranteed.
- Fully Trained / Certified Staff.
- Test & Reports Comply With Australian Standards.
- Fully Insured.
- On Time and Accurate Every Time.

### What Needs Testing?

- All electrical equipment requiring a power cord to be plugged into a socket to operate. This can be single phase or 3 phase
- RCD's, both portable and fixed.
- Emergency Exit Lighting.

### Ask Yourself These Simple Questions

#### When using electrical equipment:

- **Am I Safe?**
- **Are My Employees Safe?**
- **Are My Clients Safe?**
- **Is My Business Safe?**
- **Am I Compliant?**

If you answer no, or are unsure you may need our help.