

A MUST READ FOR ALL HOUSE OCCUPANTS

Landlord's and Electricians have an obligation to provide Electrical Safety to people and property.

However, **this is not always achieved** partly to a lack in a real understanding, of electrical dangers that can be present in a property, leaving the places we work and live in with potential electrical danger.

Most people do not know that an electrician in Queensland needs to test, and in turn provide a certificate of test, for the works he or she performs only. They do not have to test anything else.

This can leave a property and the people within it, with real electrical hidden dangers.

Current industry electrical testing procedures are limited in their design to see a danger before an electrical fault occurs. Only after an electrical hazard or fault has occurred can the equipment be used to identify what caused the electrical fault. This means there needs to be an electrical fault before something can be done about it, a little too late in the case of people receiving serious electric shocks and faults causing property

fire.

There needs to be a system that can find a danger before it happens.

Like everybody in the industry, in the early years Clems Electrical was no different in the way testing was performed. The change for Clems Electrical started when a house with a faulty cable produced an electric shock to a home occupant. Instead of simply replacing the faulty cable, Clems Electrical created a complete testing procedure, with specialise cable testing. The outcome was that if Clems Electrical conducted a complete testing service on the property prior to the electric shock, then the occupant would not have received an electric shock.

Clems Electrical created a solution to find a danger for electric shock and fire before it

happens.

This testing system starts with the **Clems Electrical Safety Check List** (on right of page), for the entire property and is followed by using advanced testing techniques for electrical cable analysis. Resulting in a true picture of the electrical condition on any electrical installation for the entire property and the electrical safety for the occupants.

It is important to note however, that just because an electrical installation tested ok today, it will remain that way forever, the simple truth is that this is not true. Gradual deterioration of the electrical installation, an inadequate understanding of maintenance procedures from the property occupant all contribute to a requirement for **periodic testing, to ensure we can stay**


ahead of an electrical hazard before it occurs.

A system to ensure electrical safety for all properties and its occupants would include testing and checking all the points listed in the Clems Electrical Safety Check List, every 2 years. To ensure that a system has been implemented to prevent dangers in the future, **by finding the danger signs before an electric shock or fire can occur.**


At Clems Electrical we believe our mission is to provide full testing, ensuring true electrical safety to all customers at no charge. A copy of the Clems Electrical Safety Check-list is available on request via email clem@clemselectrical.com.au or by writing to PO Box 1223, Oxley Qld 4075. Author Clem Capdevila Gold Master Electrician

CLEMS ELECTRICAL SAFETY CHECK LIST


- 1. Damaged Leads & Cords**
Extension leads and appliance cords when damaged, can cause a serious electric shock and may not trip the safety switch.



Check your extension leads and appliance cords for any damage.
For more information or assistance call Clem from Clems Electrical.
- 2. Damaged Corrugated Conduit**
Corrugated conduit when installed outside, will deteriorate by the sun. Exposing the cable inside, reducing the cables life span and risk of contact causing an electric shock.



Check your external corrugated conduit for any damage.
For more information or assistance call Clem from Clems Electrical.
- 3. Cracked Power Points**
Cracked power points and light switches can cause electric shock as it exposes internal cabling or live metals.




Check for cracks on power points, light switches and wobbly switches.
For more information or assistance call Clem from Clems Electrical.
- 4. Not Enough Safety Switches**
If a fault occurs, in order to prevent an electric shock, a Safety Switch must be protecting the faulty circuit. Not all your circuits may be protected by safety switches. You can check to see what is protected by safety switches. To check, press all the test buttons marked with the letter (T).




Test Button


Then try to switch - on, everything in the home and outside. Whatever turns on, is not protected by safety switch. Turn the safety switches back on to restore power supply.
For more information or assistance call Clem from Clems Electrical.
- 5. Cable at arm's reach**
A cable needs to be mechanically protected. Penetration of the thin insulation can lead to an electric shock and may not trip the safety switch.



Check your home for any cable with no mechanical protection and consult an experience qualified electrician for a mechanical protection solution.
For more information or assistance call Clem from Clems Electrical.
- 6. Rats, Possums, Termites & Geckos**
Can damage electrical cables. This can cause an electric shock or fire.




It is essential control vermins and animals or consult an experience electrician for mechanical protection.
For more information or assistance call Clem from Clems Electrical.
- 7. Voltage on Taps**
Taps can become live with electricity, if a cable is faulty and touching the piping. This can cause a serious electric shock if not detected early.




You will need an experience electrician to confirm there is no voltage on your taps.
This is how a 12 year old girl received a serious electric shock resulting in permanent brain damage
call Clem from Clems Electrical.
- 8. Slowing Down Safety Switch Response Times**
Power points over time build carbon deposits. When a fault occurs on an appliance plugged into the carbon filled power point. The safety switch will take longer to respond and may cause a serious electric shock.



You will need an experience electrician to confirm that all power points are safe.
For more information or assistance call Clem from Clems Electrical.
- 9. Expired and Recalled Cables**
Recalled cables installed between 2010 to 2013 and cable 30 to 50+ years old, can cause faults that can cause electric shock and fire. And stop the safety switch from working correctly.



If you had any installation work between 2010 to 2013, or your house is 30 to 50+ years old. You need an experienced electrician to test your cables, using specialised testing equipment.
For more information or assistance call Clem from Clems Electrical.
- 10. Safety Switches not working correctly**
Safety Switches need to be tested so they stay working correctly. Some safety switches need testing every 1 month.




Test Button

If you never frequently tested your safety switch. You need an experience electrician to confirm the safety switch is still working correctly.
For more information or assistance call Clem from Clems Electrical.
- 11. Not testing entire home**
Your home was only tested completely when it was built, under the law there is no requirement to test it completely ever again. Most electricians follow the current rules that state "only the works installed need to be tested". This could leave you with dangers on all the points 1 to 12 in this brochure.




Have your home completely tested as per this brochure by Clem from Clems Electrical and be free from risks of electrical shocks and fire.
For more information or assistance call Clem from Clems Electrical.
- 12. D.I.Y Do it yourself**
Many electrical injuries occur by homeowners performing electrical works or hiring inexperienced electricians.



ALL ELECTRICAL WORK MUST BE PERFORMED BY A LICENSED ELECTRICIAN

Leave electrical work to experienced licenced electricians for your electrical safety.
For more information or assistance call Clem from Clems Electrical.
- 13. The right electrician**
Do a little research before you call an electrician.
1. Check that they are licenced
2. Check google for reviews
3. Ask them if they check points 1-12
4. Ask if they have domestic experience
5. Ask what warranty they will give you

If you have any of the dangers listed from this brochure, it's probably time you looked for another electrician.
For more information or assistance call Clem from Clems Electrical.
- 14. I NEED YOUR HELP TO MAKE THE CHANGE**
THE CURRENT LAWS AND HOW MOST ELECTRICIANS WORK, LEAVE HOMES IN A POSITION WERE THE DANGER WILL HAPPEN. I BELIEVE THAT ALL HOMES SHOULD BE CHECKED LIKE ON THIS BROCHURE EVERY 2 YEARS. ONCE YOU RECEIVE A CERTIFICATE FOR A COMPLETE HOME ELECTRICAL SAFETY CHECK, AN ELECTRICIAN CAN DO ANY JOB REQUIRED. EVERY 2 YEARS YOU RENEW THE CERTIFICATE AND STAY SAFE. IF YOU SUPPORT A 2 YEAR CERTIFICATE FOR TESTING AND CHECKING THE ENTIRE HOME. PLEASE SEND YOUR SUPPORT TO CLEM@CLEMSELECTRICAL.COM.AU OR PO BOX 1223 OXLEY, QLD 4075



Clem Capdevila
GOLD MASTER ELECTRICIAN



CLEMS ELECTRICAL

FREE QUOTE & CALL OUT SENIOR & PENSIONER DISCOUNT



CLEM
LICENCE 85996

ELECTRICAL DATA AIR CON SOLAR HOT WATER

AFFORDABLE



0488 78 13 78

For more information or assistance call Clem from Clems Electrical or email me at clem@clemselectrical.com.au

