



Clipsal Home Safety Checklist

Electrical Safety Solutions

Before you begin

Before you perform this check, ensure all electrical devices are switched off at the socket.

This should include, computers, TV's, home theatres and any other entertainment device.

Step	Clues (How, where...)	If Yes	If No
1. Can you find the switchboard?	For stand-alone homes, this is generally located either on side walls or within the garage. For apartments, it could be in a cupboard, laundry, living room or perhaps the kitchen!	Go to step 2	Call a licensed electrician
2. Are there any loose/flying cables in switchboard that could potentially be live?	Look for cables with exposed conductors or any damaged components.	Call a licensed electrician	Go to step 3
3. Can you find the Residual Current Device (RCD) in your switchboard?	Look for a device with a test button on it marked with 'T' – look for big ones and little ones! (see images below for different types of RCDs with test buttons highlighted in red).	Go to step 4	Call a licensed electrician to upgrade your switchboard to help improve and protect your family from potential electric shocks.
			
4. Are all RCDs within your switchboard working?	Press 'T' button on the RCD. Does it switch off the RCD and disconnect power?	Go to step 5	Urgently call a licensed electrician as the RCD is not working and your electrical system is not protected against electrical shocks!
5. Do you have a Surge Protection Device (SPD) installed in your switchboard?	SPD will look like a breaker but will be without a lever on it (see image below).	<p>Congratulations your home has basic protection. Please call a licensed electrician to learn how you can further enhance the electrical safety for your home with an Arc Fault Detection Device (AFDD).</p> <p>AFDDs are particularly important in wooden homes or those with low mobility occupants like children or the elderly.</p>	Call a licensed electrician to upgrade your switchboard, help improve and protect your valuable electronics against voltage spikes and surges.
			

Smoke Alarms

Step	Clues (How, where...)	If Yes	If No
<p>1. Do you have an adequate number of smoke alarm units installed in your home?</p>	<p><i>Min. 1 on every floor, in hallway near bedrooms.</i></p> <p><i>QLD: Additional alarms in bedrooms mandatory</i> <i>Recommended to install in every room (excluding kitchen, laundry and bathrooms.)</i></p> <p><i>The Building Code of Australia mandates the installation of smoke alarms located outside of sleeping areas and at least one interconnected alarm on each level of every new home, and in Queensland one is needed in every bedroom.</i></p> 	<p>Even if you meet the minimum requirements, for greater safety and peace of mind, we recommend you consider additional smoke alarm units installed throughout your home. For example, in every bedroom and living area.</p>	<p>If you do not have the adequate number of units installed, please contact your licensed electrician and request Clipsal Fire Tek smoke alarms.</p>
<p>2. Are your smoke alarm unit(s) installed in the correct positioning?</p>	<p><i>For smoke alarm units to work effectively, they should be installed in areas which avoid the following;</i></p> <ol style="list-style-type: none"> <i>1. Dead air spaces (eg. 300mm away from corners/walls)</i> <i>2. Areas prone to dust, insects or humidity/steam</i> <i>3. Keep 1m away from A/C ducts and electrical noise sources such as LED lighting.</i> 	<p>If yes, go to next step.</p>	<p>If your smoke alarm units don't appear to be positioned in the right locations, please contact your licensed electrician.</p>
<p>3. Interconnected</p>	<p><i>The Building Code of Australia mandates that all homes built from May 2014 or undergo major renovation, must have all smoke alarm units interconnected. However it is recommended smoke alarm units are interconnected in every home.</i></p>	<p>If yes, move to next step.</p>	<p>If you do not have your smoke alarm units interconnected, please contact your licensed electrician.</p>
<p>4. Date code checked (<10 years old)</p>	<p><i>All smoke alarms have a limited service life of 10 years. To check the date of manufacture, open your smoke alarm unit and locate the product label and check the manufacturing date code.</i></p>	<p>If your smoke alarm unit is less than 10 years old and is still in working order, record the date in your calendar or diary to remind you when your unit is due to be replaced. Then you can move to next step.</p>	<p>Call a licensed electrician to upgrade your switchboard, help improve and protect your valuable electronics against voltage spikes and surges.</p>

Smoke Alarms (cont)

Step	Clues (How, where...)	If Yes	If No
5. Working properly	<p>To test that your smoke alarm and backup batteries are in working order, complete the following 4 actions:</p> <ol style="list-style-type: none"> 1. Press and hold the Test/Hush button for at least 3 seconds until the unit alarms. 2. Continue to hold for another 10 seconds to confirm all interconnected alarms activate. 3. To check the backup battery, you need to open the smoke alarm unit which will disconnect from the powered base and then repeat step 1. 4. Repeat these steps for every smoke alarm unit installed in your home. 	If all smoke alarm units and batteries are in working order, you can move to the next step.	<p>If your smoke alarm does not activate then you need to replace the unit. Please contact your licensed electrician.</p> <p>If your smoke alarm unit does not activate when you are testing the battery, you need to replace the battery, which you can do yourself.</p>
6. Regular maintenance tips	<p>Every month: You should test smoke alarm and backup batteries.</p> <p>Every 3 months: Vacuum smoke alarms to keep them free of dust particles, insects or cobwebs.</p> <p>Spray insect repellent on a cloth and wipe the ceiling around the smoke alarm to act as a bug deterrent.</p> <p>Test the smoke alarm after cleaning.</p> <p>Every year: Replace the backup batteries in your unit.</p> <p>Every 10 years: Replace the smoke alarms (Regardless of manufacturer, all smoke alarms have a limited life of 10 years from date of manufacture.)</p>	For efficiency and to avoid replacing batteries, upgrade to a rechargeable lithium backup alarm such as the 755RLPSMA4.	

Lighting Solutions

Step	Clues (How, where...)	If Yes	If No
1. Interior Lighting	<p>Do you have sensor lighting inside or your home?</p> 	If yes, go to next step.	<p>A night walk sensor light simply plugs into Iconic power points and lights the way for peace of mind at night.</p> <p>Alternatively, Infrascan indoor motion sensors or an Iconic PIR sensor will allow you to move safely around your home at night and turns off automatically so you don't leave your lights on unnecessarily.</p>
2. Exterior Lighting	<p>Do you have lighting controls on the exterior of your home?</p>	If yes, your safety checklist is now complete.	<p>Exterior lighting sensors automatically lights pathways, driveways, gardens and porches to provide light for safe entry and exit from your home. A well-lit home also helps to deter intruders providing enhanced security.</p> <p>Alternatively, you could install a sunset switch or timer controlled switch to turn lights on at dusk and off at dawn or a preset period of time.</p>