

AUTUMN NEWSLETTER



ABN: 55 119 323 974

AUTUMN 2020

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RELATED WEBSITES

NECA

www.neca.asn.au/nsw

Goodman & Co Chartered Accountants

<http://www.goodco.com.au/>

IPDA

Intelligent Project Delivery
Australia

www.ipda.net.au

TEDS

Trade Electrical Data Supplies

www.teds.net.au

John R Turks Electrical & Data Supplies

www.jrt.com.au

Electrocraft TV Data Security & Home Theatre Supplies

www.electrocraft.com.au

Macnair Pty Ltd

IT Solution Providers

A MESSAGE FROM MILES

Our Autumn Issue is dedicated to all those clients now spending a lot more time at home. Whilst we are all spending more time at home the importance of safety should be top of mind. This issue gives you some insight of what can be done to protect you and your loved ones from the threat of an electrical fire.

For all those thinking of taking on some home renovations, please do not do your own electrical works. Its just not worth it.

While you might think you can 'save' a couple of dollars by having a go, stop and ask yourself, is it worth risking your life or the life of a loved one.

Not only is it breaking the law, but you could also be jeopardising your insurance.

Even when you think you know what you are doing, never attempt to do your own electrical work as its dangerous, illegal and can be fatal.

If you are considering working from home on a full time basis, just remember that your work space should have good lighting, enough power points and your wifi, or network is available to suit your needs.

**Miles Astley,
Director**

HOME OFFICE

For all of our customers working from home. Have you realized that with advice from your Accountant, now may be the time to get those electrical works done to enhance that office space you are creating which may be fully tax deductible if done prior to the 30 June 2020.

Our Accountant - **David Goodman of Goodman & Co Chartered Accountants** gives great advice which is readily available from his website and his newsletters contain information that may be of assistance to you.

David's latest Newsletter outlines the COVID-19 survival plan in plain English. Visit: <http://www.goodco.com.au/>

www.macnair.com.au

Glen Ryan & Associates

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www.glenryanandassociates.com.au

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www.beaconlighting.com.au

Bang & Olufsen

www.bang-olufsen.com

Samsung Electronics Australia

www.samsung.com/au

Classic Electric Switch Co.

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PRODUCT HIGHLIGHT

For this Newsletter, we have based our product highlight on the fact that all our clients are spending more time at home.



By Schneider Electric: Arc Fault Detection Device (AFDD)

Launched in March by Schneider Electric

Smoke alarms help to raise alarm with 2 - 4 minutes after a fire begins. This helps residents to evacuate before a fire gets too big. Smoke alarms can't help to prevent fires.

This is where the new Schneider Electric AFDD device launched in March 2020 protects you and your premises. Electricity is often identified as one of the main causes of fire.

An AFDD's Purpose

AFDDs fit into electrical switchboards alongside other protective equipment. When a fault is detected, the device immediately isolates the circuit, preventing ignition of flammable materials.

An AFDD detects the appearance of electric arcs that are responsible for starting fires. They are extremely sensitive, designed to sense and respond only to potentially dangerous arcs.



- Helps to detect arc faults before they initiate a potentially dangerous fire.
- Helps to provide next level of protection to your home against fires.
- Helps to protect your loved ones.
- Peace of mind knowing that you have the latest protection level.

Australian Electrical Standards recommend that AFDDs are installed in the following:-

- Residential buildings.
- Premises with sleeping accommodations: e.g. bedrooms (in residential), hotels, nursing home.
- Locations with risks of fire due to the nature of processed or stored materials: e.g. barns, wood working shops, stores of combustible materials.
- Locations with combustible constructional materials: e.g. wooden buildings.
- Fire propagating structures: e.g. high rise buildings.
- Locations with endangering of irreplaceable goods: e.g. museums.

AFDDs may be used to supplement protection of aged wiring.

The AFDD shall be installed at the origin of the final circuit to be protected.

The application of AFDDs is becoming more prevalent in the building industry.

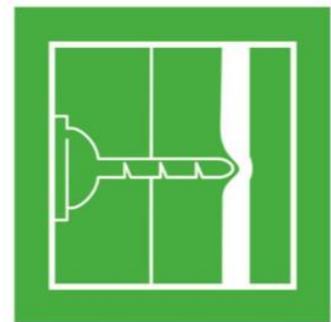
What causes an arc fault



Tight corners



Loose plugs



Fastener damage



Worn insulation



Exposed wires



Pinching



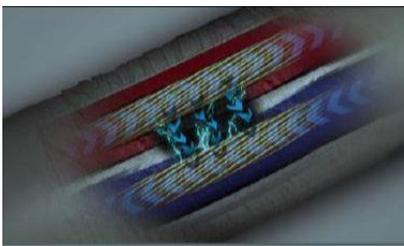
Poor termination



Pests



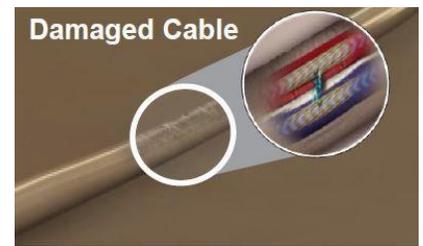
Crushing



This carbonization allows more current to flow, which results in more arcs.



As this process continues it leads to the system catching fire.



A faulty connection generates erratic paths of current which causes electrical arcs that carbonize the insulation/connection.

SMOKE ALARM BATTERY REMINDER

A reminder to replace the battery in your smoke alarms. A good time to remember is the end of Daylight Savings, which has taken place.



A MESSAGE TO OUR CUSTOMERS

We're committed to health and safety

At MAES, the health and safety of both our customers and our team is our number one priority. Given the unfolding situation with COVID-19, we wanted to reassure you that we've adopted additional precautions to protect everyone.

The MAES boys have been formally briefed on all the relevant information and procedures to follow, taking advice from the Department of Health. When we arrive at your place, we'll give you a big smile or elbow tap instead of a handshake.

It's our duty of care to make sure our boys stay healthy and safe, too. Please contact us if you've returned from overseas in the last 14 days or are feeling unwell. We're happy to reschedule your booking to a time that's convenient for you.

Let's be kind and considerate to each other.

Importantly, it's business as usual here at MAES. As always, we're here to help.

OUR TEAM

Welcome Daniel Macqueen

We welcome on board to the MAES Team Apprentice Daniel Macqueen who is a mature-aged apprentice.

Daniel has had previous experience in the landscaping industry, and is a Business and Project Management Graduate.

Daniel's keen interest was to become a licensed Electrician and his enthusiasm to learn and commitment as a mature aged apprentice was a perfect fit for the MAES Team.



Our Team

Miles Astley: Director, Special Class Licensed Electrician with over 37 years experience in the electrical, communication and audio/visual industry.

Aaron Astley: Licensed Electrician Supervisor - C'Bus specialist. Certificate III in Telecommunications

Ben Astley: Licensed Electrician. Certificate III in Telecommunications

Gordon Astley: Tradesman Assistant

Tasman Calver: Fourth Year Apprentice

Jonathon O'Donnell: Third Year Apprentice

Anthony Lake: First Year Apprentice

Jacki Astley: Office Manager

Julie Goudie: Bookkeeper



YOUR OPINION MATTERS!

Do you read online reviews? We do, and so do other customers. That's why we'd love it if you take a few moments to review your experience.



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