

NZI Electrical Review



NZI Electrical Inspectors Toby Lancaster and Zak Dean

Electrical faults are a common cause of commercial fires in New Zealand. Being prepared for an electrical fire can help protect businesses against asset and property loss, and most importantly, can save lives.



NZI's qualified Electrical Inspectors provide expert guidance to help businesses identify their electrical fire hazards.

Electrical faults continue to account for a high number of fire losses around the country, making it important all commercial electrical installations are regularly checked and maintained. Checks should consider general wear, replacement as needed, as well as monitoring changes and upgrades that may increase demands on the installation.

NZI's Risk Consulting team may identify some businesses that could benefit from an NZI Electrical Review*. We then arrange for a qualified NZI Electrical Inspector to visit at no additional cost. They will complete the NZI Electrical Review for our insurance purposes, and assist with identifying electrical hazards and potential issues.

Catch fire before it starts | nzi.co.nz

NZI, a business division of IAG New Zealand Limited.



What is an NZI Electrical Review?*



What is an NZI Electrical Review?*

- ▶ Visual inspections are carried out to help identify some of the electrical hazards and issues present in premises. This involves testing and thermal imaging of switchboards, fittings, and appliances associated with the premises.
- ▶ Specific electrical testing with specialist equipment may be carried out on some items to help identify issues we cannot see.
- ▶ Thermal Imaging will be carried out on switchboards and other equipment to find any potential hotspots. Hotspots can indicate areas of hidden electrical malfunction. The specialist camera takes images of items of concern. Our Electrical Inspectors are trained (Category 1) to identify hotspots in electrical equipment through thermal imaging.
- ▶ Once the Review is complete, a report is compiled of areas that require attention from a licensed electrician for insurance purposes. Further recommendations are provided to help business owners to identify electrical hazards in their premises.*

For more information contact an NZI Risk Consultant or your insurance broker.

For helpful tips on electrical maintenance click the link below.

[Find out more](#)

Frequently Asked Questions

How long will the NZI Electrical Review take?

The NZI Electrical Review can take anywhere from 1 hour for simple installations, to 4 hours for more complex systems.

Will I need to shut down while the Review is taking place?

In most instances our NZI Electrical Review can be carried out while equipment is being used. If our Review may cause any significant disruption to your business, we'll let you know in advance, where possible.

How much will it cost?

As an NZI customer, the NZI Electrical Review will be at no additional cost as part of your insurance arrangement with us (subject to terms, conditions and eligibility criteria).

As a comparison, a Periodic Verification (PV), completed by a registered electrician, can cost you between \$500-\$4000 depending on the size of your business.

Do terms and conditions and eligibility criteria apply?

Yes, they do. Please refer to the terms and conditions below. Eligibility criteria also apply. Please contact an NZI Risk Consultant to find out whether you are eligible.

Does the NZI Electrical Review replace my Periodic Verification (PV)?

The Review is required for NZI insurance purposes. NZI considers the Review to be an alternative to a Periodic Verification (PV) (NZS 3019 2009) for its insurance purposes in most cases. However, you should engage a suitably qualified professional to advise you on the frequency and level of Periodic Verification suitable to your business and circumstances.

If your business requires a PV this must be carried out by a registered electrician.

What if I lease the building?

A fire is disruptive to both the property owner and its tenants. If necessary, we recommend you work with the property owner to get the Review completed.

Are the NZI Electrical Inspectors qualified and registered?

Our NZI Electrical Inspectors are qualified Electrical Inspectors and registered with the EWRB (Electrical Workers Registration Board). They are also qualified in Category 1 thermography.

What will the NZI Electrical Inspector do?

Each job is different, but typically our Electrical Inspector will:

- ▶ Arrange a convenient time to visit your site.
- ▶ Conduct non-invasive checks of electrical systems and equipment, which may include main electrical switchboards and systems, fixed wiring, lighting, switchgear, fixed equipment, critical plant, and equipment (including motors, compressors, heaters).
- ▶ Undertake thermographic imaging and reporting, which will record the results of the safety check. It will also identify any defects, faults, or deficiencies in the equipment that was tested.
- ▶ Provide a summary report of the findings to you and your broker, including any required or recommended remedial work for our insurance purposes.

What happens if I choose to use my own electrician?

You are welcome to use your own electrician to complete a Periodic Verification (NZS 3019 2009), and submit it to NZI upon completion. Your electrician's report will be used by IAG (and any other co-insurers) to determine the insurability of the premises and/or what terms, conditions and premium should apply.

What happens if we discover something that could immediately cause harm?

When reviewing your site, it is possible that we may find an electrical situation that presents an immediate danger to persons or property. If so, then we are required to immediately report this to the owner or occupier of the property where the danger exists and WorkSafe. Where possible we will make the site safe, however this may interrupt part or all of your electricity supply.

*NZI Electrical Review - Terms and Conditions

These terms and conditions apply to NZI Electrical Reviews. They include important information and disclaimers. It is important that you read these terms and conditions carefully.

Outcomes of the NZI Electrical Review:

The NZI Electrical Inspectors cannot fix any faults or defects for you.

Following our Review, you will receive an NZI Electrical Review Report (the Report) that will contain information on the electrical installations we inspected. Depending on the outcome, you may need to engage a suitably qualified electrician on the day (immediately) or within a specified period to make repairs and/or fix defects. We also recommend that the Report is shared promptly with your landlord or building owner if you are a tenant.

Purpose of NZI Electrical Review and the Report

It is important you understand the purpose of the NZI Electrical Review (including the Electrical Inspector's visit) and the Report are for IAG New Zealand Limited's (IAG) (and any other underwriters') internal use, and benefit, to determine the insurability of your premises/business and/or what policy terms, conditions and premium should apply. You cannot rely on the NZI Electrical Review, the Electrical Inspector's visit, anything said by the Electrical Inspector, or anything in or accompanying the Report, for anything except the insurance-coverage purpose set out in the Report. There is no guarantee that implementing any of the requirements or recommendations in the Report will reduce the risk or size of any insurance claims or eliminate any hazard or risk. Nothing done or reported by the Electrical Inspectors means or implies the existence or adequacy of any cover under any insurance policy. The NZI Electrical Review and the Report are not intended to be comprehensive or identify all potential hazards, risks or other areas of concern.

The Report is not an electrical certificate of compliance, a certificate of periodic verification, an electrical safety certificate, a warrant of electrical fitness, an electrical inspection report, or a record of inspection. The NZI Electrical Review will not be, and is not to be taken as, an electrical inspection or periodic verification for the purposes of any laws, regulations, codes or standards, including for example, under the Electricity Act 1992, Electricity (Safety) Regulations 2010, any New Zealand Standards, or any codes of practice.

No warranty provided

Without limitation, IAG does not (whether in the Report or anything that may be said by the Electrical Inspector) provide any warranty or opinion on whether any electrical installations, appliances, wiring, fittings, components, designs, or work:

- (a) comply with any laws, regulations, building codes, codes of practice, or standards;
- (b) are safe or comply with any safety requirements;
- (c) are suitable or fit for any purpose; or
- (d) have been maintained or are in sound condition.

Exclusion of liability

IAG accepts no liability for any loss, damage or injury suffered or sustained arising directly or indirectly out of or in connection with the NZI Electrical Review, the Inspector's visit, the Report or any information contained within. When assessing any requirements or recommendations outlined in the Report, you must consider your own circumstances and any regulatory obligations or other obligations you may have and seek professional advice. You must also engage suitably qualified professionals to complete any work.

Your duty of disclosure is unaffected

Despite IAG carrying out the NZI Electrical Review, your duty of ongoing disclosure is unaffected. You must disclose any changes in the nature of the business operations, change in the occupancy, or change in circumstances that increases the risk of loss or damage. That duty applies to all such changes after your application for insurance was accepted (whether or not those changes or circumstances could have been identified by the NZI Electrical Review).

The Report may be shared with relevant insurance brokers and co-insurers.

