

Construction & Trades – Testing and Tagging Requirements



All construction and demolition sites have a Testing and Tagging requirement for electrical equipment

under AS/NZS 3012:2010. On this page you will find all the information that you need to know to position yourself to ensure that your construction and demolition site is compliant with the appropriate regulations.

If you have any questions at all, please feel free to contact us via 1300 038 847 number or the online enquiry form on this page, as we are here to help.

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Got Questions?

We're here to help



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What are the Testing Intervals?

In the construction industry in Australia 3 monthly Inspection & Testing and tagging of electrical equipment is required to the AS/NZS 3012:2010 standard on a Construction & Demolition site.

Different coloured tags are required on your equipment for each quarter. Please see the coloured tags required below.

Red Tags – Period from December to February

Green Tags – Period from March to May

Blue Tags – Period from June to August

Yellow Tags – Period from September to November

Portable RCD Boxes on Construction & Demolition sites have the below testing requirements:

- Operating time & push button test – 3 monthly
- Push button test to be carried out before each use and at least once a day

What Equipment Needs to be Tested?

All electrical equipment on your Construction & Demolition site needs to be tested on 3 monthly retest intervals. Listed below are examples of common equipment that you would require to be Test & Tagged and Inspected on a construction site.



- ✓ Welders
- ✓ Drop Saw
- ✓ Grinder
- ✓ Circular Saw
- ✓ High Pressure Hose
- ✓ Air Compressor
- ✓ Jack Hammer
- ✓ Portable Generators
- ✓ Battery Chargers
- ✓ Portable RCD Boxes
- ✓ Soldering Iron
- ✓ Single & three phase extension leads
- ✓ Vacuum Cleaners
- ✓ Pump
- ✓ Jigsaw
- ✓ Temporary Builders Site Switchboards
- ✓ Arc Welders
- ✓ Portable Inverters

Double Adaptors & 3 pin plug adaptors (piggyback) or similar, shall not be used on construction and demolitions sites

On some Construction sites the builder will only allow electricians to carry out Testing & Tagging of Electrical Equipment, "ETTiS use licensed electricians to carry out Testing & Tagging"

Temporary Builder Electrical

Switchboards on Construction Sites



All routine testing and inspection of switchboards must be carried out by a licensed electrical worker.

A licensed electrical worker is also required to visually inspect and test all construction wiring, which includes switchboards. Unlike portable equipment, which must be inspected every 3 months, switchboards must be inspected at least every 6 months.

The results of the inspections and tests must be recorded and kept on site.

What Flexibility is Allowed with the Testing Intervals?

In order to remain compliant to the standard you will need to stick to the 3 monthly cycle, as stated in the section above.



There is a tolerance of 2 weeks allowed from renewal date for you to still achieve compliance.

One of the most common problems that we see in the construction industry, is that everyone is busy, and it's very easy to miss these dates and not be compliant with the standards. We can help you by taking care of this responsibility for you. The ETTiS team of qualified electricians can have a scheduled task to contact your site manager several weeks before the end of the quarter. With this we can arrange a

time for a site visit to test and tag all the RCD's and provide you with your compliance reporting every quarter so as to save you time and hassle, and allow you to get on with running your business.

Does Brand New Equipment Need to Be Tested?



A very common compliance issue we see in the industry, is that when new electrical equipment is purchased, it is straight away put into production on the site.

This practice however does not comply with the standards. In order to remain compliant, all new equipment must be Inspected & Tested prior to initial introduction to service.

Please feel free to [contact us](#) when you purchase new equipment, and we can arrange for it to be tested and tagged promptly for you, so that you don't lose any downtime with your production schedule.

What Compliance Reporting is required?

For construction & demolition sites, the following documentation must be kept for all electrical equipment & RCDs:



- Register of all equipment
- Record of formal inspection & tests
- Repair register

- Record of all faulty equipment showing details of services & corrective action

The Electrical Appliance Register must include:

- Testers name who carried out the test
- Date testing carried out & re-test date
- Result from testing – Pass/Fail
- License no. of the electrician, or certificate no. of the competent person carrying out the testing
- Asset ID No. of the items tested

Making Your Compliance Reporting Easy For You

- If you have to update, maintain and store all these records yourself it can be quite a responsibility, and yet another task that you need to do on top of your already busy schedule.
- The team here at ETTiS have this record process very systemized, streamlined and efficient. All records are stored securely and can be provided when required

The Specific Details of What Legislation applies:



- Regulation 3.60 of the OSH regulations requires that all RCDs be kept in a safe working condition & tested regularly
- Regulation 3.61 of the OSH regulation requires the employer, self employed or main contractor at a workplace to ensure compliance with Australian Standards AS/NZS 3012:2010 Electrical Installations – Construction & demolition sites

- Regulation 3.62 of the OSH regulation requires the testing & tagging of portable electrical equipment and or a portable RCD on any construction or demolition site to be carried out by a competent person.
- Regulation 3.63 of the OSH regulations, states that any worker bringing a portable item of electrical equipment or RCD to a construction or demolition site, that is required to be tested under AS/NZS 3012:2010, must, before the item is used: (1) Provide the main contractor with a record of the relevant testing data, and (2) ensure the tag bears the name of the competent person who conducted the test
- The testers name must appear on the tag along with the test & retest date
- If the tester is a licensed electrician, the testers license no. must also be included. ETTiS uses licensed electricians to carry out your electrical safety testing.

Your Next Steps:

So that we can best assist you and your business with your compliance needs, please [contact us](#) on 1300 038 847 or 0417 188 505 and ask to speak to Tracy. Tracy Cox has extensive experience in the industry, and is a great resource for determining your electrical safety requirements, to ensure that your business is compliant in your industry. We can provide you with a copy of the relevant testing standard for your industry and equipment.