



BEST PRACTICE FOR A SAFE EVENT

Your questions can help improve safety, reduce risk, and compliance at events, join us at <https://www.facebook.com/groups/Event.Electrics.Best.Practice/>
Find out more at website www.eventelectrics.com.au or call us on: 0418 322 542.
This document is not intended to replace relevant standards (references provided).

1 EQUIPMENT: only use approved equipment

1.1 All electrical equipment at the event must be inspected, tested & tagged.

AS/NZS 3000:2007 Wiring Rules + AS/NZS 3760:2010

1.2 Electrical appliances must be approved and display the approval symbol.

AS/NZS 3000:2007 Wiring Rules + AS/NZS 3100



1.3 Approved outlet boxes and power boards must be securely mounted.
Avoid double adaptors.

AS/NZS 3002:2008

2 LEADS AND CABLES: secure and out the way

2.1 All leads and their connections need to be off the ground.

AS/NZS 3000:2007 Wiring Rules + AS/NZS 3002:2008 Clause 4.2.2

2.2 If unavoidable impact/mechanical protection is required for all leads on ground.

AS/NZS 3000:2007 Wiring Rules + AS/NZS 3002:2008 Clause 4.2.2 (G)

2.3 Supply leads must have a cord anchorage point / strain relief.

AS/NZS 3000:2007 Wiring Rules

3 ACCESS AND SAFETY: authorised personal only

3.1 Non-conductive safety barriers + signage must surround generators and switchboards

AS/NZS 3000:2007 Wiring Rules + AS/NZS 3010:2005

3.2 Switchboard enclosures must have protected access for leads.

AS/NZS 3000:2007 Wiring Rules + AS/NZS 3002:2008 Clause 2.4

3.3 All electrical wiring must be RCD protected (a safety switch).

AS/NZS 3000:2007 Wiring Rules

20+ 20+ years ago I began working on the electrical set up at Meredith Music Festival. The nature of events is you are working really hard to set up in a short period of time and then you blink your eyes the events over, everyone's going home, and it's time to pack up.

There are a lot of different approaches to the electrical set up of events. Some event organisers feel they know way too much about their electrical set up. Some have told me how it is really difficult to find clear direction on how to be compliant. Most event organisers rely on their electrical teams to handle the setup.

The event electrical teams are under pressure to power up the event in the quickest possible time, then after working non stop they have a short break before packing everything up. There is little time at a 1 or 2 day event to consider if they are compliant with standards. They are just happy everything is running and no one is complaining.

Everyone needs to work together to make an event a success. We offer these "relatively" simple guidelines as a starting point to help everyone involved come together.

You will find that these guidelines do not cover every situation that you might encounter at an event and this document is not intended to replace the relevant standards. We have provided references to those standards if you want to have a look.

I love events and unfortunately the last 50 or so events I visited (over a 4 year period) did not comply with the standards. Non compliance increases risk and decreases safety at events. Together we can turn this around. Have a look around your event and use these guidelines as a checklist. How did you go?

Greg Hogan, Director at Event Electrics

Improve Safety - Reduce Risk - Comply with Standards

Got a question? What happens now?

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Give us a call us on: 0418 322 542. We have encountered all sorts of electrical problems in the last 20+ years of doing electrical work at events and we love to share that experience.

Energy Safe Victoria (ESV) is the independent technical regulator responsible for electricity, gas and pipeline safety in Victoria. <http://www.esv.vic.gov.au/>