

Public events such as the Vic's not only bring much excitement for competitors, organisers and the public, they demand an overwhelming need of the operation of electrical apparatus required for you to maintain that leading edge of competitiveness. Such electrical apparatus operated at events of high demand like this can bring oblivious usage behaviour, not only endangering your life, but the lives of other competitors and the public. An Electrical Safety Officer (ESO) will be present during the championship to ensure that electrical safety is maintained.

You will be required to have all of your electrical apparatus inspected and tested prior to the commencement of the Vic's. As this may not be possible at the time, representatives from Jim's Test and Tag will be present for your convenience. Due to the number of competitors wishing to take this opportunity at the time, it will be acceptable to set up your apparatus in the pits on arrival. As a result the ESO will constantly patrol the pits and collect your apparatus for inspection and testing. This will occur in a manner that will not interfere with battery charging progress, however will be earmarked for collection on completion of the charge.

You are welcome to have your apparatus inspected and tested prior to the event by an independent competent person, however, each item of apparatus shall be 'tagged' to indicated compliance at least listing the testers name or company they work for, and the date or next test date due. The ESO is also requesting a testing report that lists the results of the required inspection and tests. Should you be interested in taking the opportunity to utilise the service on the day, Jim's Test and Tag will charge you an agreed low special rate for this event only of \$4 per item inspected and tested.

Apparatus required to be inspected and tested, is all low voltage equipment that can plug into a power point. These items are but not limited to: Leads, power boards, portable safety switches, battery chargers, lamps, power supplies, soldering irons etc... Please note, double adaptors will not be accepted.

All inspection and testing will be performed according to the requirements of AS/NZS 3760:2003; AS/NZS 3012:2003; AS/NZS3001:2001 and adopting principles from 'Best Practices in Testing and Tagging of Electrical Equipment to AS/NZS 3760' Edition 1:2007

To compete in this event means you accept all of the electrical safety conditions and requirements within this program whether brought to your attention prior to or during the event.

To assist within the area of visual inspections to your apparatus prior to attendance, the reverse side of this notice lists the most common visual defect found on electrical apparatus for your convenience. Please inspect your apparatus prior to attendance. Should you identify any defects, either replace the item, or have it repaired by an authorised and competent repair technician following the manufacturers instructions.

Victoria has an excellent electrical safety record compared to that of some other states of Australia. The committee and the ESO intend to maintain this record. As a result, some decisions made by the ESO can be at the sole discretion of the ESO over and above the requirements of the Australian/New Zealand Standards in force at the time. Some of these listed requirements may be amended prior to or during the event without reasonable notice.

The BRCCC Committee and the ESO thanks you for your co-operation in anticipation.

## List of Possible Visual Defects to note

- 1) Inner cable cores exposed on lead or at plug or socket ends;
- 2) Leads having sheathing or insulation frayed back;
- 3) Plug pins kinked, corroded or excessively bent;
- 4) Burning or discolouration at the plug or socket;
- 5) Filed down or modified plug pins;
- 6) Excessive twist or curl throughout lead length;
- 7) Cuts or nicks within lead insulation exposing basic layer of insulation;
- 8) Joints/repairs to leads;
- 9) DIY after market, non-moulded plugs and sockets on leads;
- 10) Shroud/Skirt cut away from socket end having shroud/skirt;
- 11) Metallic chains, key tags/rings etc on leads;
- 12) Power boards having three or more outlets without thermal cutout device;
- 13) Power boards with a rattle of broken/additional components inside;
- 14) Fractured, cracked or broken casings of apparatus;
- 15) Ventilations blocked;
- 16) Manufacturers technical specifications label missing;
- 17) Deep engraving on plastic casing housing internal low voltage components;
- 18) Controls broken bringing rise to personal injury;
- 19) Repairs not in accordance with the manufacturers instructions; and, but not limited to
- 20) Recalled Apparatus.

## General Requirements

- 1) No lead to be run on ground without mechanical protection;
- 2) No leads are to be coupled together;
- 3) All leads and apparatus are to be only plugged into power outlets provided, or a power board one level down from power outlet provided;
- 4) No repairs will be offered for defective apparatus during the course of the event;
- 5) All leads, power boards and apparatus will be subjected to Earth Resistance, Insulation Resistance, Leakage Current and/or Polarity testing as determined by the apparatus.

## Enquiries

Any concerns or queries regarding these requirements can be addressed to the ESO at [ecvic@bigpond.net.au](mailto:ecvic@bigpond.net.au) or in writing at Post Office Box 5057 Wantirna South Victoria 3152.

