

PLEASE READ THIS WORKING METHOD STATEMENT CAREFULLY
BEFORE WORKING ON ELECTRICAL INSTALLATIONS
IF YOU ARE UNSURE ABOUT ANYTHING - ASK AT THE SITE OFFICE

What does this method statement apply to?

1. Working with Electricity describes work undertaken connecting the various pre-fabricated cables, distribution boards and plug boards we use to provide electrical power at the event.
2. For these activities we operate under a standard code of practice for entertainment events known as “BS7909:1998”.
3. Only competent persons may work on or connect equipment into these systems.

What equipment do I need (where applicable)?

1. Properly insulated, battery-operated tools.
2. A device to assess the electrical status of any unknown circuit.
3. A copy of the site electrical diagrams for the area you are working.

What Hazards or Risks should I be aware of?

1. Many of the house circuits are old or are poorly marked.
2. Some of the house circuits are enclosed in metal conduits, which are loose or poorly fixed. Some of the house wiring is also very old and has unusual or missing colour coding.
3. Unusual loading on some house circuits is a significant fire risk.
4. Generators are used around the site.
5. Extended cable runs increase loading significantly.
6. Vehicle and pedestrian traffic may impact cable runs and cable runs may expose a trip hazard.
7. Lighting is poor in many areas of the site.
8. Some installations involve working at height.

What working methods should I adopt to reduce these risks?

1. Ensure that you fully and correctly identify the circuit you are working on. In the house, this requires special care.
2. Please do not work on any house circuit unless you are qualified and are operating under BS7671 regulations.
3. All power needs come from our generated 3-phase supplies and NOT from the house circuits, except where agreed with the site office.
4. Generators may start or stop at any time. Make sure that the circuit that you are working on is fully isolated and that the isolation is clearly labelled. Where safety mains lighting is being employed, make sure that you have a torch in case of failure.
5. Allow for voltage drop and/or increased current loading for all extended cable lengths.
6. Do not place cables where they may come into contact with vehicle or pedestrian traffic. All cable runs that will be placed on the ground where traffic must pass must be protected within a hard conduit, preferably buried. Consider the trip hazard for each cable run.
7. Carry a battery powered torch with you when working in any poorly lit area. Where possible, do not work alone.
8. When working at height, never work alone. Please see method statement “WMS003 – Working at Height” for details.