

Risk Element

- Electric shock;
- Noise;
- Entanglement;
- Death;
- Burns;
- Eye damage (from arching).

Precautions to Eliminate/Reduce Risk

- Only competent persons are to use the Electrical Test. Young persons must be closely supervised;
- Wear issued protective workwear, Safety Footwear, Ear defenders (if needed);
- Ensure you are standing on insulating matting whilst testing;
- Creating an area, which is as earth free as practicable;
- Ensure power is switched off at isolator before opening fuse cabinets;
- Using interlocked test enclosures in which the unit under test is contained;
- Using temporary insulation;
- Replacing covers which need not be removed for the purposes of the test, e.g. once supply connections have been made;
- Using isolating transformers connected to the mains supply;
- Ensure Test Panel is powered off before connecting cables;
- Check any tools before use for damage/wear;
- Adopt good manual handling techniques in accordance with training, where possible use lifting aids;
- Ensure work area is kept free of obstacles to prevent slips, trips and falls.

Safe Working Method

- Work safely at all times, complying with health and safety and other relevant regulations, directives and guidelines;
- Use equipment as directed in manufacturer's instructions, if you are unsure ask a Management/supervisor;
- Check workspaces and walkways to ensure no slip/trip hazards are present;
- Locate and ensure you are familiar with all machine operations and controls;
- Carry out pre use checks on Test panel/Test area, (Interlocks, Emergency stops, Insulating matting condition, Connector cable condition, Equipment Calibration is in date.) Report any defects to Management/Supervisor;
- Ensure Test Panel is powered off before connecting cables;
- Use correct type of tools for the job use correct size tools;
- Close safety gates before commencing tests;
- Deal promptly and effectively with problems within your control and report those that cannot be solved;
- Use mechanical assistance to move heavy items;
- Ensure Test Panel is powered off before removing cables and switch off the machine when work completed;
- Emery cloth **MUST NOT** to be used by hand while the shaft is rotating;
- Leave the machine in a safe, clean and tidy state.