

# Use of Electrical Equipment.

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
31	Work that involves the use of electrical equipment.	<p>Contact with live parts causing electrical shock and burns - normal mains voltage, 230 volts AC can kill.</p> <p>Risk of electrical faults which could cause fire and / or explosion where electricity could be the source of ignition.</p>	<p>Employees</p> <p>Contractors</p> <p>Public</p> <p>Visitors</p>	<div> <p><i>Electrical equipment electric power tools must be regularly inspected and maintained.</i></p> <p><i>Power tools must be, inspected by the user each time they are used, and portable appliance test (PAT) following company policy and a record kept and recorded on the electrical item.</i></p> </div> <ul style="list-style-type: none"> <li>• Check the labels on any electrical equipment before you use it to make sure it is within the test date.</li> <li>• Make a visual check of the condition of the item and do not use if signs of damage.</li> <li>• Ensure particular attention is given to the power connection cable and plug. If you are in any doubt equipment is safe to use, ask your Line Manager or Team Leader.</li> <li>• Quarantine any defective or out of date equipment and do not use until repaired or retested.</li> <li>• Electrical equipment used on site should be 110volt and be supplied from an isolating transformer.</li> <li>• Fixed appliances must be regularly inspected and maintained including an earth test.</li> <li>• Ensure people working on or with your electrical equipment or systems are competent for the task.</li> <li>• Ensure the appropriate Personal Protective Equipment (PPE) is worn.</li> </ul>	Low