

3 continued	<p>and notify the duty holder and equipment user.</p> <p>7 In some environments it may be necessary to lock the electrical equipment in the OFF position or remove the fuse to avoid the equipment being used until it has been repaired or replaced.</p> <p>Notes:</p> <ol style="list-style-type: none"> 1 All testing and documentation must be performed in accordance with current regulations and standards. 2 Care must be taken to avoid damage to the equipment. 3 Where specialised electrical equipment is being tested, it may be necessary to consult the equipment user or manufacturer's instructions for correct, safe operation and testing of the equipment. 4 When disconnecting and reconnecting electrical terminations, all works must be completed in accordance with current regulations and standards.
4	<p>General</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action:</p> <ol style="list-style-type: none"> 1 Check load does not exceed rating of equipment. 2 Check indicator lamps, meters and controls. <p>Notes:</p>
5	<p>Cubicle</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action:</p> <ol style="list-style-type: none"> 1 Check condition and clean. 2 Check airflow in and around the equipment. Replace air filters if fitted in compliance with manufacturers information. 3 Check integrity of doors and panels, including locks. 4 Check for ease of operation of switches, isolators and circuit breakers. 5 Check condition of contactors - see schedule series 44 Power Supplies. <p>Notes: All dirt and foreign bodies should be removed.</p>
6	<p>Fuses and MCBs</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action: Check for correct rating of fuses and settings and operation of MCBs.</p> <p>Notes:</p>
7	<p>Relays, contactors and wiring</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action: Check for burn marks and tightness of connections.</p> <p>Notes: Replace as necessary.</p>
8	<p>Earthing</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action: Ensure all sub-assemblies with electrical components mounted are adequately earthed.</p> <p>Notes: Where star washers are used for earth connections make sure earth connection is good.</p>
9	<p>Rectifier</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action: Switch on and check battery trickle charge voltage and battery charge voltage level.</p> <p>Notes: Check and record calibration of all meters on the equipment.</p>
10	<p>Rectifier alarms</p> <p>Criticality: Amber Frequency: 6M Skill Set: Electrical</p> <p>Action: Check and record 'pick-up' and 'drop-out' voltages of all alarm relays.</p> <p>Notes: Most UPS systems now have the facility to interrogate via software and use this for such diagnostic</p>

