Preventive maintenance will be performed on all isolation panels on a regular basis and/or per NFPA99.

**Purpose**

To ensure proper operation on electrical line isolated systems.

**Procedure**

**PATIENT CARE AREAS**

**Monthly:**

1. Visual inspection and activate L.I.M. test button.

**Semiannual:**

1. Activate L.I.M. test button.
2. Visual inspection.
3. Measure potential difference between the I.P.S. grounding point and other grounding points.
4. Measure resistance between the I.P.S. grounding point and other grounding points.
5. Measure voltage drop of the I.P.S. branch circuit.
6. Check line isolation monitor trip alarm.
7. Check all isolated receptacles.

**Annual:**

1. Perform all semiannual tests and test all metal surfaces within six feet (6') of patient beds.

**NON-PATIENT CARE AREAS**

**Annual:**

1. Activate L.I.M. test button.
2. Visual inspection.
3. Measure potential difference between the I.P.S. grounding point and other grounding points.
4. Measure resistance between the I.P.S. grounding point and other grounding points.
5. Measure voltage drop of the I.P.S. branch circuit.
6. Check line isolation monitor trip alarm.
7. Check all isolated receptacles.

Report any usual conditions to the Electrical Systems Director.