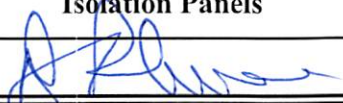


**UNIVERSITY OF TOLEDO
FACILITIES AND CONSTRUCTION**

Section:	Electrical/Electronics	Procedure Number:	E-14
Subject:	Preventive Maintenance of Electrical Line Isolation Panels	Effective Date:	January 1980
		Revised Date:	December 2019
Facilities Officer:		Reviewed Date:	February 2023

Standard Operating Procedure

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 manager.