Services for Isolated Power Systems

Complete solutions for testing and installation

Keep your facility safe, compliant, and efficient — all in a single visit.

In healthcare facilities, NFPA requires regular testing of isolated power systems to keep patients and staff safe. Bender provides a full range of services to test and validate these systems, ensuring compliance with NFPA, NEC, and TJC standards.

With Bender turnkey solution, our expert technicians handle recertification and installation in the same visit.* This streamlined approach means lower service fees, less downtime, and trusted expertise from factory-trained professionals.

Whether maintaining existing systems or upgrading to new technology, Bender keeps it simple, compliant, and cost-effective. **NFPA 99 compliance? Let Bender take care of it for you!**

Benefits of all-in-one testing and installation with Bender

- Identify weaknesses, wear, and aging in your system
- Avoid unexpected failure of outdated and obsolete equipment
- Increase operating room uptime
- Prevent possible safety hazards to patients and staff
- Access nationwide coverage from trained and authorized technicians
- Maintain NFPA 99 and NEC compliance
- 1-, 3-, and 5-year service agreements with priority scheduling for efficient preventative maintenance
- Obtain clear and comprehensive CMS and TJC documentation
- Maintenance and/or retrofitting of LIM or other obsolete equipment from any manufacturer

For more information or to schedule your initial evaluation or annual testing contact us at:

- **Bender Inc. (United States) - medical.service@bender-us.com I 1-800-356-4266**
- **Bender Canada - info@bender-ca.com I 1-800-243-2438**

** Exclusions are rare but may include energized electrical work beyond standard isolated power testing, site work requiring a licensed electrician per your AHJ, or work restricted by local Union labor requirements.*

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Bender services for isolated power systems offer:

- Complete services for new isolated power systems regardless of original manufacturer
- Training for hospital staff to ensure proper understanding, use and care of isolated power system
- Testing performed utilizing Bender-developed, industry leading LT3000 test instrument
- Electronic documentation provided as required by accredited agency compliance audits
- Comprehensive testing and evaluation for annual and bi-annual testing required by NFPA 99, NEC and many accredited agencies
- Software updates for LIM and accessories*

Testing and evaluation of your systems includes:

- Measurements of hazard current and calculations of system impedance
- Receptacle ground tension testing
- Ground continuity testing
- Receptacle polarity verification
- Touch voltage verification of exposed metal surfaces
- LIM functionality verification via external fault testing
- Verification of panel circuit breaker terminal torques

Isolated Power System

Line Isolation Monitor

LIM2010

Monitors isolated ungrounded systems

- Measures the system's leakage impedance to ground to ensure safe leakage levels per code requirements
- Eliminates interference with electrical medical equipment connected to the isolated power panel
- Allows for interfacing with other Bender devices to provide a complete system solution
- Ideal for retrofitting applications regardless of the current LIM's make and model
- In most cases, no metal cutting is needed and simple instructions facilitate a fast changeover
- Automatic self-calibration, self-check, and digital display allow for yearly performance testing as opposed to bi-annual testing for analog LIMs (per NFPA 99)

** Software updates pertain only to qualifying Bender manufactured equipment*

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