

# Services for Isolated Power Systems

In healthcare facilities, NFPA requires regular testing of isolated power systems to ensure they are in peak condition, keeping patients and staff safe. Bender offers a complete range of services to test and validate the condition of these systems and ensure compliance with NFPA, NEC, and JCAHO regulations and standards.

## Bender's Field Services Offer...

- Nationwide coverage
- Factory trained and authorized technicians
- NFPA 99 and NEC compliant testing & evaluation
- 1-, 3-, and 5-year service agreements available with priority scheduling for efficient preventative maintenance
- Troubleshooting of alarms
- Clear & comprehensive CMS\* and TJC\*\* documentation
- Maintenance and/or retrofitting of obsolete equipment from any manufacturer
- Specialized engineering services
- Over 60 years experience in Isolated Power Systems manufacturing

*\* Centers for Medicare & Medicaid services*

*\*\* The Joint Commission*

For more information or to schedule your initial evaluation or annual testing, contact the Bender US team at [medical.service@bender-us.com](mailto:medical.service@bender-us.com) or at 1-800-356-4266. For information regarding service offerings in Canada, contact us at [info@bender-ca.com](mailto:info@bender-ca.com) or at 1-800-243-2438.

# Bender Services offer a wide range of benefits to ensure optimal performance of your Isolated Power Systems including:

- 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
- LIM and accessory software updates\*

## Testing & Evaluation of your Isolated Power Systems includes:

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

### Bender's Isolated Power System (IPS) Panel



### Bender's LIM2010 Line Isolation Monitor



Bender's LIM2010 is ideal for retrofitting applications regardless of the current LIM's make and model. For the majority of applications, no metal cutting is needed and simple instructions facilitate a fast changeover. Its 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).

### Bender's LT3000, An industry-leading testing instrument



\* Software updates pertain only to qualifying Bender manufactured equipment