

Medical Equipment Inspection Service

Battery powered Backup power Supply Testing and Maintenance

Scope of Service

NFPA 110/101 Emergency Power Inspection Checklist Annual Quality Assurance testing of the UPS inverter systems (emergency power) in accordance with NFPA 99, 110. TJC, EC.1.2.7, EC. 1.3.7, EC. 1..7, EC. 2.3.7, and National Fire Protection Association 99-2001.

NFPA 99 Section 3

- 3-4.1.1.3 UPS system on site, general safety conditions
- 3-4.1.1. UPS used exclusively for electrical power load relief
- 3-4.1.1.6 Service room access, with fire rated doors.
- 3-4.1.1.7 UPS capacity and rating of sufficient wattage for demand
- 3-4.1.1.8 Load pick up within 10 seconds of normal power loss
- 3-4.1.1.9 Room temperture not less than 0 degrees
- 3-4.1.1.10 Adequate ventilation for cooling
- 3-4.1.1.15 Monitored work station access to alarm indicators
 - Alarm Indicators: Audible and visual signals
 - Alarm Signal when UPS is in operation
 - Alarm Signal UPS is malfunctioning
- 3-4.1.2 Battery systems configuration per with Article 700 NFPA70
- 3-4.2.1.4 Automatic Transfer Device upon normal power Fail
 - Automatic Transfer Device when normal AC re-energized
- 3-4.2.1.6 Nonautomatic Transfer Device
- 3-4.2.1.7 Bypass-Isolation Switch
- 3-4.2.2.2 Emergency Power Supply Life Safety 101
 - Emergency Power Supply to Critical Care Area
 - Invertor Operational Test
 - Invertor Load Test
 - Battery Inspection and load testing.

