

ELECTRICAL SAFETY AUDIT

WORKER SAFETY - PROGRAM CONTROLS - EQUIPMENT SAFETY

The Martin Technical Electrical Safety Audit focuses on installations and safe work practices at your site(s) based on the National Electrical Code (NEC), NFPA 70E, NFPA 70B, NFPA 79E and OSHA 1910.331-335. Per NFPA 70E 110.3 (H), the audit shall verify the principles and processes of the electrical safety program in compliance with NFPA 70E, the field work shall be audited to verify the requirements of NFPA 70E, and the audit shall be documented.



➤ STANDARD AREAS OF INVESTIGATION

There are 12 areas and over 110 points that will be investigated during the audit. The areas of investigation include:

1. Electrical Safety Program - Written policies and procedures
2. Qualified Persons & Training - Training, documentation and qualifications of Qualified Persons, Unqualified Persons and Contractors / Visitors
3. Design & Installation (NEC) - NEC® compliance for electrical equipment
4. Identification & Labeling - Markings, warnings and labels for electrical equipment
5. Electrical Preventive Maintenance - Preventive and Predictive maintenance practices
6. Electrical One-Line Drawings - Management and application of electrical drawings
7. Reports & Studies - Arc flash, short circuit, protective device and related engineering studies
8. Testing - Electrical system testing compliance
9. Equipment and Tools - Selection, use, testing and care of testing equipment and tools
10. PPE (Personal Protective Equipment) - Selection, use, testing and care of PPE
11. Electrical Safety Work Practices - Job Planning, LOTO, Grounding, Alerting Techniques and related safe electrical work practices
12. Hazardous (Classified) Locations - Maintenance and special requirements for hazardous locations.