

70B Support Services Overview

One Program. From Policy to Practice.

Developing an effective Electrical Maintenance Program (EMP) requires more than defining maintenance activities. When NFPA 70B transitioned from a recommended practice to a required standard in 2023, organizations faced increased requirements for how electrical maintenance activities are established, documented, and managed. Equipment, operating conditions, maintenance practices, documentation, personnel responsibilities, and risk-based priorities must all be considered.

Key changes include:

- Transition from recommended practices to mandatory requirements
- Documented Electrical Maintenance Program requirements
- Equipment risk assessment and categorization
- Risk-based maintenance intervals and procedures
- Expanded requirements for documentation and recordkeeping

Whether supporting a single facility or multiple sites, a structured approach helps establish consistent electrical maintenance practices while addressing the unique requirements of each facility.

Next Level Reliability

To learn more about ERS 70B Support Services, please contact us at **1-888-468-6384** or visit **[ElectricalReliabilityServices.com](https://www.ElectricalReliabilityServices.com)**



Overview

NFPA 70B establishes a structured approach to electrical equipment maintenance, documentation, risk assessment, and ongoing program management. With the transition of NFPA 70B from a recommended practice to a required standard, organizations must take a more deliberate approach to how electrical maintenance activities are established, documented, and managed.

A well-structured electrical maintenance program is important for more than just compliance. Proper maintenance helps organizations identify potential electrical issues before they become failures, reduce safety risks, support equipment reliability, and minimize unplanned downtime. A documented program also provides a consistent framework for demonstrating that electrical maintenance responsibilities, processes, and decisions are being actively managed.

Our 70B Support Services help organizations develop and strengthen the key components of an Electrical Maintenance Program, from company-wide governance and site assessments to maintenance planning and personnel training. Each service can be tailored to the organization and facility, supporting consistent practices while addressing site-specific requirements.

Together, these services provide a practical framework for developing a documented, sustainable approach to electrical maintenance aligned with NFPA 70B.

70B Support Services Overview

Governing Policy Service

Establish the Foundation for Your Electrical Maintenance Program

A strong Governing Policy establishes a centralized framework for your Electrical Maintenance Program. It defines what is expected of the organization, who is responsible for each aspect of the program, and how applicable NFPA 70B requirements should be addressed. It provides the structure needed to translate the standard into clear expectations for corporate leadership and facility-level teams.

Whether supporting a single facility or a multi-site organization, the Governing Policy provides a consistent foundation for defining how the Electrical Maintenance Program is managed and maintained.

The Governing Policy Helps You:

- Establish consistent electrical maintenance expectations
- Define roles and responsibilities at corporate and site levels
- Identify applicable NFPA 70B requirements for the organization
- Establish maintenance strategies and program procedures
- Define training and qualification expectations
- Establish documentation and recordkeeping requirements
- Support consistent program implementation across facilities
- Provide a framework for ongoing program review and improvement

Site Audit Service

Understand Where Your Program Stands

The Site Audit Service provides an assessment of current electrical maintenance practices at a facility against the applicable requirements of NFPA 70B. It looks at existing documentation, maintenance processes, equipment, records, and program practices to establish a clear picture of the facility's current state.

The audit identifies areas where current practices align with applicable requirements and highlights gaps or opportunities for improvement. The findings provide the organization with a documented baseline that can be used to prioritize actions and determine the next steps for developing or strengthening its Electrical Maintenance Program Plan.

The Site Audit Service Provides:

- An assessment of current electrical maintenance practices and processes
- A review of existing documentation and maintenance records
- Evaluation of applicable equipment and maintenance activities
- Identification of gaps against applicable NFPA 70B requirements
- Documentation of current-state findings and observations
- Prioritized areas for improvement and recommended next steps



Electrical Maintenance Plan

Turn Requirements Into an Actionable Maintenance Strategy

An Electrical Maintenance Plan translates applicable NFPA 70B requirements into a practical, facility-specific maintenance strategy. It incorporates a site assessment to document the facility's existing electrical equipment, evaluate current conditions, and identify the maintenance needs of that equipment.

The plan provides a documented approach to what electrical equipment should be maintained, what maintenance activities are required, and when those activities should occur. It considers the facility's electrical equipment, operating environment, maintenance needs, and risk considerations to establish a structured approach to ongoing maintenance.

The Electrical Maintenance Plan Provides:

- A documented inventory and location of applicable electrical equipment
- An assessment of existing equipment and current conditions
- Identification of maintenance requirements for applicable equipment
- Defined maintenance activities and recommended intervals
- Guidance on how equipment should be maintained
- Maintenance considerations based on equipment condition and risk
- A facility-specific framework for planning and managing maintenance activities
- A practical deliverable that can be used to guide future maintenance activities

Why ERS

ERS combines extensive experience in electrical maintenance, field operations, and applicable standards with firsthand experience working with electrical equipment and maintenance programs in the field. This experience allows us to understand the practical considerations organizations face when developing, implementing, and maintaining their electrical maintenance processes.

Our approach goes beyond documentation. We apply our experience across field assessments, maintenance practices, program development, and training to help organizations translate applicable requirements into practical processes that can be implemented at the facility level. The result is a structured approach designed to support consistency, accountability, and ongoing program development.

Ordering Information

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Training Services & Education

Equip Your Team to Implement and Sustain the Program

An effective electrical maintenance program depends on more than documentation. Personnel need to understand the requirements, responsibilities, hazards, and practices necessary to safely and effectively maintain electrical equipment.

Our training services provide practical education on NFPA 70B, NFPA 70E, arc flash hazards, OSHA requirements, and electrical safety practices. Courses can help organizations build the knowledge and qualifications needed to implement maintenance requirements, perform work safely, and sustain their program over time.

Training Services & Education Options Include:

- **NFPA 70E Arc Flash and OSHA 1910 – 1-Day Course**
Covers arc flash protection, electrical hazards, safe work practices, risk mitigation, and applicable industry codes and standards.
- **NFPA 70E – 2-Day Course**
Provides in-depth training on NFPA 70E requirements, electrical equipment operation and maintenance, hazard mitigation, and key components of the training required for Qualified Persons.
- **NFPA 70B – 1-Day Course**
Provides an in-depth review of the 2023 NFPA 70B requirements, Electrical Maintenance Programs, preventive maintenance strategies, maintenance frequencies, periodic maintenance procedures, fundamental testing, and system studies.