NFPA 70B Training Itinerary

Empower Training Services

AT-A-GLANCE

OVERVIEW:

- NFPA 70E Chapter 2 – Safety Related Maintenance Requirements
- NETA Maintenance Testing Specification
- 2026 NFPA 70B

2026 NFPA 70B Standard For Electrical Equipment Maintenance

2026 NFPA 70B STANDARD FOR ELECTRICAL EQUIPMENT MAINTENANCE

- Equipment owner responsibilities for EMP Program in a facility (2026 NFPA 70B 4.2 Electrical Maintenance Program)
- Planned inspections requirements of an EMP program
  - (1) Potential of equipment failure to endanger or threaten personnel safety
  - (2) Manufacturer's recommended service and maintenance practices and procedures
  - (3) Operating environment
  - (4) Operating load conditions and equipment rating
  - (5) Failure and repair of equipment causing extensive downtime and lost production dollars
  - (6) Equipment condition
  - (7) Production and operating schedules
  - (8) Failure history
  - (9) Inspection history
- Chapter 7 Fundamental Tests requirements
- Chapter 8 – Field Testing and Test Methods
  - 8.3 – Testing Categories
  - 8.4 – Qualifications of Testing Personnel
  - 8.5 – Test Equipment and Tools
  - 8.6 – Test Records
  - 8.7 – Condition of Maintenance Indication

2026 ABM Franchising Group, LLC

Chapter 9 – Maintenance Intervals

- 9.1.1* Continuous Monitoring and Predictive Techniques.
- 9.1.1.1* Continuous monitoring or predictive techniques shall be permitted to be used as a consideration when determining maintenance intervals.
- 9.1.1.2* Continuous monitoring or predictive techniques shall be based on manufacturers' recommendations or accepted industry practices.
- 9.1.1.3* Use of the potential failure–functional failure (P–F) curve method shall be permitted to determine maximum maintenance intervals.
- 9.2 – Frequency of Maintenance
- 9.3 – Equipment Condition Assessment

NFPA 70E CHAPTER 2 – SAFETY RELATED MAINTENANCE REQUIREMENTS

- Practical safety-related maintenance requirements for electrical equipment and installations in workplaces as included in 90.2
- Identify maintenance directly associated with employee safety
- Impacts on arc flash energies
- Specific equipment types
- Owner responsibilities
- Qualifications of testing personnel

NETA MAINTENANCE TESTING SPECIFICATION – RESULTS INTERPRETATION

- Maintenance testing frequencies
- Visual/mechanical inspections
- Electrical tests
- Complimentary Tests
- Functional tests vs PMs
- Results-limits and interpretations
  - Positive results
  - Negative results
  - Courses of action
  - Developing action plans
  - Reporting and Forms