



6-Point Checklist for NFPA 70E / 70B and CSA Z462 / Z463

1. Electrical Safety Program

Standard: NFPA 70E §110.1 / CSA Z462 Clause 4.1

- ☐ A formal, written electrical safety program (ESP) is documented and implemented.
- ☐ The ESP is integrated into the overall Occupational Health and Safety Management System.
- ☐ Risk assessments are conducted using the hierarchy of controls.

2. Worker Training & Qualification

Standard: NFPA 70E §110.2 / CSA Z462 Clause 4.1.6

- ☐ Risk assessments are conducted using the hierarchy of controls.
- ☐ All workers exposed to electrical hazards are trained in safe work practices.
- ☐ Qualified persons are trained to identify hazards, understand equipment operation, and apply safe procedures.
- ☐ Retraining occurs at least every three years or when job duties or standards change.

3. One-Line Electrical Diagrams

Standard: NFPA 70E §120.5 / CSA Z462 Clause 4.3.7 & 4.3.8; NFPA 70B / CSA Z463

- ☐ A current, accurate one-line diagram is posted for each electrical distribution system.
- ☐ All sources of supply and isolation points are clearly identified.
- ☐ Diagrams are reviewed and updated following system modifications or maintenance.



4. Arc Flash Risk Assessment & Labeling

Standard: NFPA 70E §130.5 & §130.7 / CSA Z462 Clause 4.3.5

- ☐ A documented arc flash risk assessment has been performed within the past 5 years.
- ☐ Equipment is labeled with:
 - Nominal voltage
 - Arc flash boundary
 - Incident energy or PPE category (not both)
- ☐ Labels comply with site-specific safety protocols and are visible at the point of interaction.

5. Personal Protective Equipment (PPE)

Standard: NFPA 70E §130.7 / CSA Z462 Clause 4.3.9

- ☐ Task-appropriate arc-rated PPE is provided and maintained for all energized work.
- ☐ Workers are trained in PPE selection, use, inspection, and care.
- ☐ Minimum arc rating of clothing matches incident energy exposure as calculated.

6. Electrical Preventive Maintenance (EPM) Program

Standard: NFPA 70B (2023) Chapter 4-9 / CSA Z463

- ☐ An Electrical Maintenance Program (EMP) is documented and implemented across the facility.
- ☐ Equipment is inspected and tested based on manufacturer recommendations, condition, and criticality.
- ☐ Maintenance intervals are risk-based, not time-based alone.
- ☐ Findings are recorded and corrective actions are tracked to completion.
- ☐ Program oversight is assigned to qualified technical personnel.

