

**NFPA 70E® Standard for Electrical Safety in the Workplace
Comparison between 2018 and 2015 Editions**

Subject	2018 Edition	2015 Edition
New legends	Not a change but footer addition on each page clarifying symbols	Not included
Hierarchy of Controls – Risk Assessment	Now mandatory	Informational only
Risk Assessment – Human Error	Addresses potential for human error	Not included
Risk Assessment – Annex Q	Human Performance and Workplace Electrical Safety added	Not included
110.1 (I) Job Safety Planning and Briefing Expanded/Clarified	Job Safety Planning needs to be: 1. Completed by Qualified Person; 2. Documented	Not required
110.1 (J) Incident Investigations	Electrical Safety Program shall include elements to investigate electrical incidents. Informational Note: “...result in, or could have resulted in, fatality, injury, damage to health” (includes incidents referred to as <i>close call</i> or <i>near miss</i>)	Not required
Clarity to Lockout/Tagout section:	2018 – Article 120.1-5: The content and practices have not changed. However, the structure and layout (reference numbers) have changed.	Article 120.1 – 2
Task Table moved and restructured	Table 130.5(C)	Table 130.7(C)(15)(A)(a)

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PPE for Incident Energy Calculation Method moved	Table 130.5(G) ≤ 1.2 cal/cm ² section dropped	Annex H: Table H.3(B)
PPE Standard	PPE shall conform to <u>applicable standards</u> (state, federal, local). Change appears subtle but helps ensure someone does not claim clothing is NFPA 70E® compliant without <u>full</u> testing.	PPE shall conform to standards listed in Table 130.7(C)(14)
Auditing	Moved from multiple subject-based locations to 110.1 (K) as part of an Electrical Safety Program.	Multiple locations for auditing requirements.
Training: Article 110.2	Training has been realigned to include all aspects, pulling some training clauses from various subject areas.	Various locations
Symbols	Words (i.e. greater than)	Mathematical symbols
DC Shock Table	50 Volts	100 Volts
Definitions	Added definitions: Electrical Safety Program; Fault Current; Maintenance; Working Distance	Not included
Terminology	Joules/cm ² added to describe incident energy	Cal/cm ² only
Electrical Safe Work Condition: Article 120	Article 120 have been completely restructured to logically step you through how to set up a program.	Older formatting