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• Wes Wheeler
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2018 NFPA 70E

• NFPA 70E Technical Committee Roundtable Discussion

presented by NECA, IBEW, etA and Schneider Electric

How Changes in NFPA 70E Affect You

• Why is NPFA 70E important?

• Safety is A Shared Responsibility
  • Employers
  • Employees
  • Customers

• Effective Communication is Essential
NFPA 70E – Standard for Electrical Safety in the Workplace

• How long has 70E been in existence?

• Why was NFPA 70E developed?

• When did Arc Flash become a recognized hazard according to NFPA 70E?

NFPA 70E – Standard for Electrical Safety in the Workplace

• How often is it revised and updated?

• What is involved in the change process for NFPA 70E

• How does an individual get involved?
Notable 2018 NFPA 70E Changes

• NEW Global Terminology:
  • “accident” with “incident”
  • “accidental” with “unintentional”
  • “accidentally” with “unintentionally”
  • “short circuit current” with “available fault current”

Risk Assessment

• What changes have been made in the Risk Assessment Procedures found in NFPA 70E?

• What is “Risk?”

• What is a “Hazard?”
Safety Programs and Job Safety Planning

• Are job briefings required by NFPA 70E?

• What is new and updated related to required Safety Programs found in NFPA 70E?
  • Article 110.1(B) Inspections
  • Article 110.1(J) Incident Investigations

Emergency Response Training

• How often is Contact Release training required according to NFPA 70E?

• When is retraining required for First Aid, emergency procedures and CPR/AED?
PPE Requirements

• What is the difference between ATPV and $E_{BT}$?

• What are the triggers for PPE in NFPA 70E?

• What specific clarifications for PPE rubber gloves are included in 2018 NFPA 70E?

Informative Annexes

• What is new in the informative annexes for NFPA 70E?

  • Informative Annex H.4  
    Conformity Assessment of Personal Protective Equipment

  • Informative Annex Q  
    Human Performance and Workplace Safety
Closing Comments

• Phil Santoro – Schneider Electric

• Mike Johnston – NECA Executive Director, Standards and Safety