

Local 134 Codes and Standards 2025 Educational Seminar Course Description

Course Title: NFPA 70B standard for Electrical Maintenance and how it effects NFPA 70E Electrical Worker Safety.

Instructor: Joe Pavia

Course Description:

This presentation will cover the basic NFPA 70B requirements for electrical equipment maintenance and how maintenance will affect electrical worker safety based on NFPA 70E. The presentation will explain why electrical preventive maintenance is important relating to electrical safety, cost, and compliance. In addition, marking and documentation requirements are discussed for electrical equipment maintenance and arc flash analysis for various types of equipment.

Objectives:

- **Understanding Maintenance requirements**
- **Lack of maintenance effects Electrical worker safety**
- **Developing a maintenance and electrical safety program**

Bio: Joe Pavia, P.E. is a Sr. Field Application Engineer with Eaton's Bussmann Business. He has over 30 years with Bussmann series solutions, specializing in training on the design and application of overcurrent protective devices and equipment in electrical distribution systems in accordance with the National Electrical Code® and equipment in accordance with the various product standards. He is a registered Professional Engineer for several States, serves on UL508C / UL61800-5-1 STP, NEMA SC07 committee and on Code Making Panel (CMP-1 & CMP-11) for the National Electrical Code (NFPA 70). He also is active in various trade organizations including the Independent Electrical Contractors (IEC), National Electrical Contractor Association (NECA), International Association of Electrical Inspectors (IAEI), Institute of Electrical and Electronic Engineers (IEEE), National Electrical Manufacturer's Association (NEMA) and the National Fire Protection Association (NFPA).