

Local 134 Codes and Standards 2025 Educational Seminar Course Description

Course Title: Understanding NEC requirements for cannabis cultivation and extraction facilities

Instructor: Ryan Jackson

Course Description:

Comprehensive overview of installation requirements in cannabis cultivation and extraction facilities, highlighting real world scenarios of the special equipment used and the hazardous locations created in the processing operation.

Objectives:

- **Understand the scope of 2023 NEC Article 512**
- **Understand the requirements in Part XVI of Article 410**

Bio: *Ryan Jackson* – Ryan Jackson is a distinguished electrical code “Subject Matter Expert” and has taught the subject of the *National Electrical Code* for decades. His clients include some of the biggest and well-respected associations in the electrical industry, as well as colleges, universities, Forbes 500 companies, power plants, electrical contractors, cities, counties, labor boards, and a host of others. Ryan has written several books covering the *National Electrical Code* and has edited dozens more. His 2017, 2020 and 2023 Comprehensive Guide to the NEC is a three-volume work of nearly 1,800 pages and 2,000 photographs.

- Owner, Ryan Jackson Electrical Training (2004-present)
- Technical Consultant, Steel Tube Institute (2022-present)
- Senior Electrical Inspector, Sunrise Engineering (2013-2018)
- Code Consultant, Technical Editor, Author, Mike Holt Enterprises (2005-2016)
- Senior Electrical Inspector, Draper City, Utah (2002-2013)
- Principal member of Code-Making Panel 17 for NFPA 70® National Electrical Code®
- Alternate member of Code-Making Panel 3 for NFPA 70® National Electrical Code®

- Member of UL Technical Committees 0006, 0067, 0467, 0489, and 0943
- Expert witness consultation on multiple lawsuits, working with both plaintiffs and defendants
- Past President of Utah Chapter of International Association of Electrical Inspectors
- Past Educational Chairman of Utah Chapter of International Association of Electrical Inspectors
- Subject Matter Expert (SME) for Vector Solutions
- Subject Matter Expert (SME) for National Association of Electrical Distributors