

Protecting Flammable and Combustible Liquids

Course Description

This two-day course seeks to provide participants with basic knowledge of protection options available in NFPA 30 and testing programs that may become the basis for future editions of NFPA 30. This course will give an overview of the latest NFPA 30 document, describe fire test results that have become requirements in NFPA 30, discuss current and future fire testing for protection of flammable and combustible liquids, and how to apply NFPA 30 requirements to two case studies involving storage of flammable or combustible liquids. NFPA 30, Flammable and Combustible Liquids Code is a widely used document by Authorities Having Jurisdiction worldwide. It contains the latest, best available technology for protecting against severe fire and explosion hazards of flammable and combustible liquids. Two case studies will demonstrate to participants how NFPA 30 requirements are used to protect storage of flammable and combustible liquids in actual (real life) circumstances.

Learning Objectives

Upon completion of the course participants will be able to

- Discuss the properties of flammable and combustible liquids and the health and safety dangers they may present if stored or handled improperly
- Identify the applicable codes and standards that address safe storage and handling practices of flammable and combustible liquids
- Discuss flammable and combustible liquids concepts and identify terminology
- Describe proper storage practices for flammable and combustible liquids to prevent fire hazards
- Discuss safe handling practices for flammable and combustible liquids at point of final use

Prerequisite

Knowledge of NFPA 30

Who will benefit: Experience Level- Intermediate

FPEs, Architectural, Civil, Mechanical, Electrical Engineers

Materials Needed

NFPA 30

Course assessment

Participants will be assessed via a written exam. A passing score of 70% is required to receive a Certificate of Completion

Professional Development Hours

Upon completion each participant qualifies for 14 PDHs or 1.4 CEUs. A Certificate of Completion will be awarded.