Schedule of Events & Activities for

Analysis and Design of Sprinkler Systems
For High Piled and Rack Storage

♦ Day 1
  • Introductory Concepts
  • Review of General Procedures for Hydraulic Calculations
    ▪ Calculation exercises
  • Definition of Commodity Classifications
  • Definition of Plastic Group Classifications
  • Design Specifications for Protection of commodities stored in solid piles or on pallets
    ▪ Exercises
  • Protection of Plastics and Rubber
  • Consideration of Large Drop and ESFR Sprinklers
    ▪ Exercises
  • Introduction to the Protection of Rack Storage of Materials
  • Protection of Storage Up to 25 Feet High
  • Consideration of Multiple Row Racks
  • Protection of Storage Over 25 Feet High
  • Design Requirements for Rack Storage of Plastics
  • Consideration of ESFR and Large Drop Sprinklers

Instructional Time:  8 hours
Continuing Education Credit: 0.8 CEUs

School of Fire Protection Instructor:

Pat D. Brock, PE, FPE
Professor – Fire Protection & Safety

Floyd Luinstra, PE
Visiting Instructor – Fire Protection & Safety

**This agenda is tentative and could change based on time constraints and unforeseen obstacles**