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Viking Seminar Information Sheet

Product Seminar

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Product Seminar

Seminar Description: This program focuses on how sprinklers and systems provide unique and targeted solutions to fire protection challenges. This is an applications-driven program utilizing digital tools to drive the learning objectives. The participant will utilize digital tools and programs to explore the advantages of various Viking products and how they address specific challenges.

Duration (Days): Two

Number of Modules: Four

Total Instructional Minutes: 720 / 12 hours (1.2CEU) (12 CPD)

Seminar Format(s): Lecture, activity, hands-on labs, and demonstration

Participation Materials: Participant activity handouts and digital tools

Learning Outcomes: Upon completion of this seminar the attendee will be able to:

- Utilize digital tools to select the appropriate sprinkler to protect the occupancy or fire challenge
- Compare various sprinklers and explain how they address fire challenges
- Explain the applications of wet and dry sprinkler systems
- Explain the applications of pre-action and deluge sprinkler systems
- Discuss uses for Viking specialty systems
- Summarize an introduction for Viking Foam-Water Sprinkler Systems
- Summarize an introduction for Viking Oxeo Gas Suppression Systems
- Perform system testing and troubleshooting

Assessment Method(s): Discussion and activity participation

Module 1: Fire Sprinkler Essentials

Duration: 180 minutes

Learning Outcomes:

- Describe and discuss the various fire challenges to fire sprinklers
- Identify and discuss the functions of the component parts of a fire sprinkler
- Describe the process of testing and listing fire sprinklers
- Compare the differences in sprinkler characteristics
- Utilize digital tools to select the appropriate sprinkler to protect the occupancy or fire challenge
- Compare standard spray to extended coverage sprinklers
- Identify the differences of ESFR fire sprinklers to control mode sprinklers

Delivery Methods: Manufacturing and R&D tour
Activity driven by Sprinkler Selector and Flow Lab Demonstration

Activity Descriptions: Tour & Sprinkler Worksheet

Assessment Method(s): Participation

Module 2: Wet and Dry Systems

Duration: 150 minutes

Learning Outcomes:

- Identify the characteristics of the wet and dry sprinkler system valve configurations
- Explain the applications of wet and dry sprinkler systems
- Explain the operational sequence of wet and dry sprinkler systems
- Identify the parts of wet and dry sprinkler systems
- Perform system activation and reset

Delivery Methods: Activity driven by configurator and hands-on lab and the VR lab

Activity Descriptions: Labs

Assessment Method(s): Perform system activation and reset

Module 3: Deluge, Preaction, and Specialty Preaction Systems

Duration: 240 minutes

Learning Outcomes:

- Identify the characteristics of the preaction and deluge sprinkler system valve configurations
- Explain the applications of preaction and deluge sprinkler systems
- Explain the operational sequence of preaction and deluge sprinkler systems
- Identify the parts of preaction and deluge sprinkler systems
- Use the Valve & System Configurator

Delivery Methods: Activity driven by Valve & System Configurator and hands-on VR labs

Activity Descriptions: Demonstration

Assessment Method(s): None

Module 4: Specialty Systems and Components

Duration: 150 minutes

Learning Outcomes:

- Discuss the components and applications of foam systems
- Discuss the components and applications of Inert Gas Suppression Systems
- Define the IBC Containment Unit and its applications
- Use the Buy American Act Sourcing Tool

Delivery Methods: Hands-on lab and digital tools

Activity Descriptions: Demonstration

Assessment Method(s): Participation