Virtual Viking Course and Module Descriptions

Terms:

Courses – A preset group of Modules that play one right after the other.

Modules – An individual lesson pertaining to one topic.

Startup Module – Walks the user through the initial setup of the valve in a step-by-step format.

Simulation Module – Shows how a system that is protecting an environment would operate in the event of a fire.

Reset Module – Walks the user through resetting the system after it has tripped in a step-by-step format.

Courses

Wet Systems

Introduction to the J-1 Alarm Check Valve

Location – Warehouse

Includes – Simulation, Reset

Dry Systems

Introduction to the VXR Dry System

Location – Warehouse

Includes – Startup, Simulation, Reset

Deluge Systems

Introduction to the VXD Deluge System Hydraulic Release

Location – Propane Tank Storage Yard

Includes – Startup, Simulation, Reset

Introduction to the VXD Deluge System Electric Release

Location – Propane Tank Storage Yard

Includes – Startup, Simulation, Reset

Introduction to the VXD Deluge System Pneumatic Release

Location – Propane Tank Storage Yard

Includes – Startup, Simulation, Reset

Introduction to the F1 Deluge System Hydraulic Release

Location – Propane Tank Storage Yard

Includes – Startup, Simulation, Reset

Introduction to the F1 Deluge System Electric Release

Location – Propane Tank Storage Yard

Includes – Startup, Simulation, Reset

Introduction to the F1 Deluge System Pneumatic Release

Location – Propane Tank Storage Yard

Includes – Startup, Simulation, Reset

Preaction Systems

Introduction to the VXD Preaction Single Interlock Electric Release

Location – Archival Room

Includes – Startup, Simulation, Reset

Introduction to the VXD Preaction Single Interlock Pneumatic Release

Location – Paint Kitchen

Includes – Startup, Simulation, Reset

Introduction to the F1 Preaction Single Interlock Electric Release

Location – Archival Room

Includes – Startup, Simulation, Reset

Introduction to the F1 Preaction Single Interlock Pneumatic Release

Location – Paint Kitchen

Includes – Startup, Simulation, Reset

Introduction to the VXD Preaction Double Interlock Electric Pneumatic Release

Location – Cold Storage Warehouse

Includes – Startup, Simulation, Reset

Introduction to the VXD Preaction Double Interlock Electric Pneu-Lectric Release

Location – Cold Storage Warehouse

Includes – Startup, Simulation, Reset

Introduction to the F1 Preaction Double Interlock Electric Pneumatic Release

Location – Cold Storage Warehouse

Includes – Startup, Simulation, Reset

Introduction to the F1 Preaction Double Interlock Electric Pneu-Lectric Release

Location – Cold Storage Warehouse

Includes – Startup, Simulation, Reset

Flow Control Systems

Introduction to the Firecycle 3 System

Location – Warehouse

-Simulation module that takes the user through a step-by-step activation of the Firecycle 3 System configured in a Single Interlock Cycling Configuration as if there was a fire in the building.

-Simulation module that takes the user through a step-by-step activation of the Firecycle 3 System as if there was a fire in a building with no power.

- Simulation module that takes the user through a step-by-step activation of the Firecycle 3 System as if there was a fire in a building with a sprinkler system that was leaking air.

- Reset module for the Fire Cycle 3 System.

Foam Systems

Hi-Ex Deluge Foam System

Location – Group 2 Aircraft Hangar

-Simulation Module that takes the user through a step-by-step activation of an F-1 Deluge System supplied by a bladder tank operating in a system that uses Viking Hi-Ex generators.

Inert Gas Systems

Oxeo Pressure Reducing Inert Gas System

Location – Server Room

-Simulation Module that takes the user through a step-by-step activation of a nitrogen supplied Oxeo Pressure Reducing inert gas system. Covers system components, detection, and environment requirements.

Oxeo Constant Flow Inert Gas System

Location – Server Room

-Simulation Module that takes the user through a step-by-step activation of a nitrogen supplied Oxeo Constant Flow inert gas system. Covers system components, detection, and environment requirements.

Additional Modules

Flow Control

Firecycle 3 System

Location - Warehouse

Firecycle 3 Wet Simulation - Simulation module that takes the user through a step-by-step activation of the Firecycle 3 System configured in a Wet Configuration as if there was a fire in the building.

Firecycle 3 Wet Sprinkler System Broke- Simulation module that takes the user through a step-by-step activation of the Firecycle 3 System as if there was broken pipe in the water delivery system.

Miscellaneous

Product in Location

Location – High-Rise Building

-An explorative experience where users discover the wide variety of products used throughout a high-rise building. The building contains five environments – residential, office, retail, parking garage, and mechanical room.

Virtual Flow Lab

Location - Virtual Flow Lab

-An explorative experience where users discover the details of sprinkler flow rates, spray patterns, and obstructions.

Obsolete Material – This content is no longer maintained

G-6000 Preaction Single Interlock Electric Release System

Location – Warehouse

Includes – Simulation, Reset

F-2 Dry Valve

Location – Warehouse

Includes – Simulation, Reset

F2 Dry Valve Inspection, Testing, and Maintenance Modules– Per NFPA standards the following ITM tests are available for users to experience in a step-by-step format.

Water Flow Alarm Test Procedure	Low Air Supervisory Switch Activator Test
Air Pressure Alarm Test	Main Drain Test
Valve Status Test	Control Valve Test
Partial Flow Trip Test	Full Flow Trim Test