

## Virtual Viking Course and Module Descriptions

January 2024

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

Modules – An individual lesson pertaining to one topic.

### Courses

#### **VXD Deluge System Electric Release - Chemical Storage Yard**

-Simulation module that shows how a VXD Deluge Valve in a system that is protecting a chemical storage tank would operate in the event of a fire.

-Reset module for the VXD Deluge Valve with electric release. Walks the user through resetting the system after it has tripped in a step-by-step format.

#### **Introduction to the F-2 Dry Valve System - Warehouse**

-Simulation module that takes the user through a step-by-step activation of the F-2 Dry Pipe Valve as if there was a fire in the building.

-Reset module for the F2 Dry Valve. Walks the user through resetting the system after it has tripped in a step-by-step format.

#### **Introduction to the J-1 Alarm Check Valve - Warehouse**

-Simulation module that takes the user through a step-by-step activation of the J-1 Alarm Valve as if there was a fire in the building.

-Reset module for the J-1 Alarm Check Valve. Walks the user through resetting the system after it has tripped in a step-by-step format.

#### **Introduction to the F-1 Preaction Double Interlock Electric Pneumatic System – Cold Storage Warehouse**

-Simulation module that takes the user through a step-by-step activation of the F-1 Preaction Double Interlock Electric Pneumatic System as if there was a fire in the building.

- Reset module for the F-1 Preaction Double Interlock Electric Pneumatic System. Walks the user through resetting the system after it has tripped in a step-by-step format.

#### **Introduction to the Firecycle 3 System - Warehouse**

-Tutorial module that introduces users to the functions they will use while in Virtual Viking.

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

## Modules

### **Product in 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.

### **Oxeo Inert Gas System** – Server Room

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

### **Hi-Ex Deluge Foam System** - 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.

### **VXD Deluge Single Interlock Electric Release System**- Chemical Storage Yard

VXD Deluge System With Electric Release - Simulation module that shows how a VXD Deluge Valve in a system that is protecting a chemical storage tank would operate in the event of a fire.

VXD Deluge System With Electric Release - Reset module for the VXD Deluge Valve with electric release. Walks the user through resetting the system after it has tripped in a step-by-step format.

### **Hi-Ex Deluge Foam System** - Group 2 Aircraft Hangar

Hi-Ex Deluge Foam System With Bladder Tank - 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.

### **F-2 Dry Valve** - Warehouse

F-2 Dry Valve Simulation - Simulation module that takes the user through a step-by-step activation of the F-2 Dry Pipe Valve as if there was a fire in the building.

F-2 Dry Valve Reset - Reset module for the F2 Dry Valve. Walks the user through resetting the system after it has tripped in a step-by-step format.

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

**J-1 Alarm Check Valve - Warehouse**

J-1 Wet Valve Simulation - Simulation module that takes the user through a step-by-step activation of the J-1 Alarm Valve as if there was a fire in the building.

J-1 Wet Valve Reset - Reset module for the J-1 Alarm Check Valve. Walks the user through resetting the system after it has tripped in a step-by-step format.

**F-1 Preaction Double Interlock Electric Pneumatic System – Cold Storage Warehouse**

F-1 Preaction Simulation - Simulation module that takes the user through a step-by-step activation of the F-1 Preaction Double Interlock Electric Pneumatic System as if there was a fire in the building.

F-1 Preaction Reset - Reset module for the F-1 Preaction Double Interlock Electric Pneumatic System. Walks the user through resetting the system after it has tripped in a step-by-step format.

**Firecycle 3 System - Warehouse**

Firecycle III 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 Simulation - 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.

Firecycle 3 Simulation Off - 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.

Firecycle III Single Interlock Sprinkler System Broke - 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.

Firecycle III 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.



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Firecycle 3 Reset - Reset module for the Fire Cycle 3 System. Walks the user through resetting the system after it has tripped in a step-by-step format.

**Obsolete Material** – This content is no longer maintained

G-6000 Preaction Single Interlock Electric Release System - Warehouse

G6000 Preaction Simulation - Simulation module that takes the user through a step-by-step activation of the G6000 Single Interlock Electric Release System as if there was a fire in the building.

G6000 Preaction Reset - Reset module for the G6000 Single Interlock Electric Release System. Walks the user through resetting the system after it has tripped in a step-by-step format.