

VIKING® | TRAINING

Course Offerings and Information



Durable learning. Lasting knowledge.

That's the Viking way.

At Viking, our goal is to create fire protection product training that results in durable learning by providing applicable, accessible, and engaging programs through innovative technologies and training approaches.

Our state-of-the-art training facility houses many features that support innovative approaches to learning.

- Two traditional style classrooms
- A collaborative classroom with five team stations
- A Riser Lab with 19 fully-functional system risers
- An immersive Virtual Reality (VR) Lab with six VR stations
- A Flow Lab to study sprinkler spray patterns and test equipment
- A Suppression Systems Lab with special hazards and foam systems
- A Corrosion Solutions lab with the latest in protecting system piping
- A Detection Systems Lab with eight detection panel stations

Should you miss an opportunity to train at our Caledonia facility, we have plenty of chances for you to learn with our live and recorded webinars, animations and instructional videos as well as micro-learning (10-15 minutes) on applicable technical topics.

Visit www.vikinggroupinc.com/training to learn more about the instructor-led and hands-on training courses at Caledonia and our online learning opportunities.



COURSE OFFERINGS

Training at Viking's Innovative Caledonia, MI Facility

Fundamentals of Water-Based Fire Protection Training

14 ICHs*

- Designed for individuals expecting to gain basic knowledge of common fire protection systems.
- Covers topics such as the integration of codes and standards, basic fire dynamics in fire protection systems, fire sprinkler types and applications, water supplies, and wet and dry pipe sprinkler systems. This program also covers the basics of deluge and preaction type systems.
- Taught through instructor-led classroom discussions and demonstrations, as well as hands-on lab activities.

Advanced Applications of Fire Protection Systems Training

14 ICHs

- Designed for individuals expecting to advance their knowledge beyond the basics of common fire protection systems.
- Provides an in-depth look into deluge and preaction systems. This includes Surefire, Flow Control and Firecycle III systems.
- Also covers the basics of foam systems, clean agent systems, and a brief look into fire sprinkler systems for storage occupancies.
- Taught through instructor-led classroom discussions and demonstrations, as well as hands-on lab activities.

Certification Program for Clean Agent Fire Suppression Systems and Releasing Control Panels

14 ICHs

- Designed for individuals to receive a comprehensive overview and working knowledge of Viking Clean Agent Fire Suppression Systems and/or Conventional and Intelligent Releasing Control Panels.
- Taught through instructor-led classroom discussions and demonstrations, as well as hands-on lab activities.
- Participants who complete the Suppression System training will receive certification and a temporary three-month license for VSH DesignManager software.
- Participants who complete the Agent Release Panel training will receive certification and NOTIFIER VeriFire® Tools software.

Viking Storage Protection Solutions

14 ICHs

- This fast-paced and highly interactive two-day training program is designed for individuals seeking to advance their knowledge in storage protection solutions, apply the requirements, and select the sprinklers designed to provide protection from fire in these highly challenging occupancies.
- Explores the installation standards and discuss how specific types of sprinklers address the protection objectives.
- Using instructor-led classroom discussions, hands-on demonstrations, group-based activities, and live storage sprinkler spray pattern demonstrations, participants will be guided through a series of decisions and requirements that lead to compliance with the standards and ensure the system will operate properly when needed.

Virtual Viking Training, Provided by Steam

At Viking, we want everyone to have the chance to train with us, but we understand that it's not always possible or convenient to physically access the necessary tools.

For this reason, Virtual Viking serves as a unique training platform that provides the user with an in-depth exploration of Viking valves and system functionality. With Virtual Viking, users can easily learn about the components and functions of Viking valves and systems through simulations and interaction – right from your home or office!

Visit digital.vikingcorp.com to learn more information about Virtual Viking.

*Instructional Contact Hours

Micro-Learning Online Presentations

Designed to provide the viewer with a brief overview of commonly asked product and industry questions, micro-learning is an efficient solution for those seeking to gain information quickly. Each micro-learning presentation is approximately 5-10 minutes in length, and offered to assist the viewer in expanding their product and industry knowledge.

Residential Sprinkler Design

7 ICMs*

Viking Concealed Sprinklers and Cover Plates

5 ICMs

VK598 Standard Response Upright Sprinkler

6 ICMs

Fire Sprinkler Spray Patterns

6 ICMs

Flow Control Systems

6 ICMs

TechTalks — A Viking Podcast

Each week Viking's technical services team answers hundreds of phone calls and emails with requests for technical information and assistance. TechTalks, our new podcast, taps the Viking experts and provides answers to our most frequently asked questions. We also explore other favorite technical topics and fire protection trends. Tune in weekly at vikinggroupinc.com/podcasts.

*Instructional Contact Minutes

Self-Paced Learning

These courses contain information that is consistent with the classroom learning portions of Viking's instructor-led training conducted at the Viking Training Facility in Caledonia, MI. Attendance at a hands-on interactive training session is highly recommended to further understanding of system components and operation.

If a certificate is desired for your records, it is necessary to complete the on-line assessment. Upon scoring a minimum 65%, Viking will provide a certificate indicating the number of instructional contact minutes associated with the course. Each video course will contain a unique "assessment code" which will be entered on the assessment.

Fundamentals - Introduction to Sprinklers

24 ICMs

- Provides an overview of fire sprinklers and the fire challenges they are designed to address.
- Covers occupancy classification and its relation to fire sprinklers as well as the characteristics used to define and differentiate types of fire sprinklers.

Fundamentals – Standard Spray and Extended Coverage Sprinklers

18 ICMs

- Provides an overview of standard spray and extended coverage sprinklers including the testing criteria that is used to differentiate between the two types.
- Covers some of the advantages and disadvantages of each.

Fundamentals –Introduction to Wet Pipe Fire Sprinkler Systems

17 ICMs

- Provides a fundamental look at the application and functions of wet pipe sprinkler systems.

Fundamentals - Introduction to Dry Pipe Fire Sprinkler Systems

35 ICMs

- Provides a fundamental look at the application and functions of dry pipe sprinkler systems.

Fundamentals - Residential Sprinklers

15 ICMs

- Provides an overview of residential sprinklers and the different fire protection goals that led to their development.
- Includes the testing criteria that is used to differentiate this category of sprinklers from commercial sprinklers.

Advanced - Deluge Systems

9 ICMs

- Covers the different types of deluge systems as well as the components used in a functional system.
- Participants should be able to explain the operation and reset procedures associated with the various types of deluge systems covered.

Advanced – Commodity Classifications

22 ICMs

- Participants will learn to identify the different commodity classifications, recognize how different pallet types can affect the product classifications, and review how both external and internal packaging have a part in determining the classification.

Advanced – Surefire Praction

10 ICMs

- Covers the identification of the components associated with the operation of the SureFire preaction valve, as well as the operation and restoration of the system.

Advanced – Storage Arrangements

23 ICMs

- Covers common arrangements of stored product.
- Participants will recognize challenges associated with various storage arrangements related to fire protection.

COURSE OFFERINGS

Online Webinars

Viking's webinars, available in English and Spanish, offer in-depth looks at specific topics. Averaging around 30 minutes, viewers can spend little time increasing their knowledge about various industry-related subjects.

Viking Flow Control and On/Off Cycling Systems

48 ICMs

Helipad Fire Protection from Viking

23 ICMs

Vacuum Fire Protection Systems

30 ICMs

An Introduction to Viking's Clean Agent Solutions: VSH1230 and VSH200 Clean Agent Suppression Systems

30 ICMs

Viking Revit Family Introduction – Sprinklers

30 ICMs

New Advancements in Corrosion Resistant Sprinkler Applications

30 ICMs

New Institutional Sprinklers from Viking

28 ICMs

UniVario® Heat Detection and Electrically Actuated Deluge Systems

38 ICMs

Finding the Ideal Sprinkler Choice for Higher Warehouse Storage Facilities

32 ICMs

Window Sprinkler Technology: Fire Protection for Interior Glazing

22 ICMs

Videos and Animations

Viking offers a vast selection of product repair and maintenance videos for visitors to view for free. To view the entire library of product repair videos, system reset procedures, and animations, please visit the Viking Sprinkler YouTube channel at youtube.com/vikingsprinkler.

Animations

Freedom® Residential Flat Concealed Sidewall Sprinkler (VK480) Installation Animation

2 ICMs

Managing Special Fire Risks with Foam Suppression Systems

5 ICMs

Model G Valve Animation

1 ICM

Viking Foam Fire Protection

2 ICMs

Viking Model F Dry System Activation

2 ICMs

Viking Model F Dry System Reset

4 ICMs

Viking Valve & System Support App

1 ICM

XT1 Sprinkler Wrenches

2 ICMs

System Overview

Double Interlock Preaction System Reset

4 ICMs

Dry Pipe System Reset

5 ICMs

Electrically Operated Deluge System Reset

5 ICMs

Single Interlock Preaction System Reset

5 ICMs

Wet Pipe Alarm Check Valve System Reset

5 ICMs

Product Repair

Model C-1 PORV Maintenance Kit

3 ICMs

Model C-1 Thermostatic Adjustment Kit

3 ICMs

Model C-1 Thermostatic Release Body Assembly

2 ICMs

Model C-1 Thermostatic Release Maintenance Kit

5 ICMs

Model D-2 Accelerator Cover Diaphragm Assembly

2 ICMs

Model D-2 Accelerator Repair Kit

6 ICMs

Model D-2 Air Maintenance Device Repair Kit

4 ICMs

Model D-3 PORV Maintenance Kit

3 ICMs

Model E-1 Accelerator Cover Diaphragm Assembly

2 ICMs

Model E-1 Accelerator Repair Kit

6 ICMs

Model F Dry Valve Clapper Assembly

5 ICMs

Model F Dry Valve Clapper Rubber Replacement

6 ICMs

Model F Dry Valve Member Assembly Replacement

6 ICMs

Model F-1 Deluge Valve Clapper Assembly Replacement

2 ICMs

Model F-1 Deluge Valve Rubber Seat Assembly Replacement

3 ICMs

Model F-1 Deluge Valve Seat Replacement

3 ICMs

Model F-1 Deluge Valve Upper Diaphragm Replacement

3 ICMs

Model F-1 Easy Riser Check Valve Rubber Replacement

3 ICMs

Model G Dry Valve A-1 Differential Valve Repair

3 ICMs

Model G Dry Valve A-1 Differential Valve Replacement

3 ICMs

Model G Dry Valve Chamber Assembly

4 ICMs

Model G Dry Valve Check Diaphragm

3 ICMs

Model G Dry Valve Coupling Replacement

4 ICMs

Model H-1 Pneumatic Actuator Maintenance Kit

3 ICMs

Model J-1 Alarm Check Valve Clapper Assembly

4 ICMs

Model J-1 Alarm Check Valve Rubber Replacement Kit

4 ICMs

Model J-1 Flow Clapper Assembly Replacement

4 ICMs

Model J-1 Flow Control Valve Seat Replacement

4 ICMs

Model J-1 Rubber Seat Assembly Replacement

4 ICMs

Model J-1 Upper Diaphragm Replacement

4 ICMs

Viking is frequently adding more content to all of the available training platforms mentioned. To stay up-to-date, please make sure you check out our website at vikinggroupinc.com/training so you never miss an opportunity.

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