

Hands-On Fire Protection Training Courses



**Global Risk
Consultants®**

May 17 - 20, 2022

July 12 - 15, 2022

September 27 - 30, 2022

This 3.5-day course provides practical knowledge of common water-based fire protection systems with a focus on inspection, testing and maintenance practices necessary to ensure appropriate system performance.

Cost

The cost per participant is **\$1,250**.

The price includes lunch at the training facility each day, transportation to and from the hotel/training facility, a course workbook and a USB drive with course materials.



Dates

Each course will start at 8:00am on Tuesday and conclude at 12 noon on Friday.

Training Facility

The training course is held at:
Johnson Controls Training Facility Fire Protection Products
1467 Elmwood Avenue
Cranston, RI, USA 02910

Hotel and transportation to/from the airport are not included. A complimentary shuttle provides transport between the hotel and training center. The shuttle departs the hotel at approximately 7:15 am and arrives at the training center at 7:30 am. Pick up at the training center is 5 pm each day except for the last day which is 12 Noon.

Hotel

The recommended hotel is the Hilton Garden Inn located in Warwick, RI. A block of rooms will be reserved, but reservations are the responsibility of the attendees.

Hilton Garden Inn
1 Thurber Street
Warwick, RI 02886



Transportation

Air

Boston Logan International Airport is approximately 1 hour 15 minutes (60 miles) north of the hotel.

TF Green Airport is located adjacent to the hotel and within walking distance. A complimentary hotel shuttle is also available.

Train

There is an Amtrak station in Providence, approximately 15 minutes (8 miles) north of the hotel.

Who Should Attend?

Because this course stresses a hands-on approach to ITM it is most appropriate for those directly engaged in ITM activities, or in a position to oversee ITM activities performed by internal personnel and/or external ITM service providers.

Course Description

This course will provide participants working knowledge of:

- Common types of sprinkler systems
- Fire pump installations
- Flow characteristics of automatic sprinklers
- Inspection, testing and maintenance (ITM) practices

The course stresses a hands-on approach where participants will have the opportunity to work with fully functional fire protection systems.

Course Objectives

Upon completion, participants will enhance their ability to:

- Assess sprinkler systems and fire pump installations to determine if they are “in service”
- Understand system tests to determine if systems are “ready to work”
- Effectively manage impairments to fire protection systems
- Interface with contractors who provide ITM services
- Identify ITM codes, standards and recommended practices applicable to their business

Location

The training course is held at the Johnson Controls Training Center Fire Protection Products in Cranston, Rhode Island. Highlights of this state of the art training center includes the following fully functional fire protection equipment:

- 16 sprinkler risers equipped with wet, dry, preaction and deluge valves
- Diesel and electric motor driven fire pumps
- Sprinkler spray and flow demonstration room
- Live fire demonstration cells



Agenda

Day 1

Education Sessions

- Welcome, course description and facility tour
- Introduction to water-based fire protection systems
- Overview of NFPA 25: "Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems".

Live Demonstrations

- Live demonstration of flowing sprinklers
- Live fire demonstration with sprinkler activation

Hands-On Exercises

- Hydrant flow test where course participants operate hydrants, take flow and pressure readings and analyze results

Days 2 & 3

Education Sessions

- Sprinkler system fundamentals
- Fire pump fundamentals

Live Demonstrations

- Live fire demonstrations with sprinkler activation

Hands-On Exercises

- Hands-on exercises involving operation of wet, dry, preaction and deluge sprinkler systems
- Hands-on exercises involving electric and diesel driven fire pumps including capacity testing where participants will evaluate pump performance by flowing water, recording pressure readings, graphing and interpreting results

NOTE: To promote a focused hands-on learning environment course participants will be divided into two groups with one group working on sprinkler systems and the other fire pumps. Groups will switch on the second day.

Day 4

Education Sessions

- New fire protection technologies
- Question and answer session

Registration

To register and for more information email

[Click here to register for this course](#)

Participants are responsible for hotel cost and all other travel arrangements.

COVID-19 UPDATE

Your safety is of utmost importance to us. Please be aware that appropriate safety measures will be followed during the course. If you have any concerns please don't hesitate to contact us.