Hands-On Fire Protection Training Course

October 29th - November 1st, 2019

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
Tuesday, October 29th - Friday, November 1st 2019

The course will start at 8:00am on Tuesday, October 29th and conclude at 12 noon on Friday, November 1st.

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 actives 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
Tuesday, October 29th
Education Sessions
- Welcome, course description and facility tour
- Introduction to 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

Wednesday, October 30th & Thursday, October 31st
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.

Friday, November 1st
Education Sessions
- New fire protection technologies
- Question and answer session

**Registration**
To register for the course please visit our online payment portal:

**Click here to register**

For more information email [GRCTraining@tuvsud.com](mailto:GRCTraining@tuvsud.com).

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