

## FOAM SYSTEMS DESIGN AND SPECIFICATION TRAINING

**TUITION \$495**

This program will include all areas of the design, equipment selection, foam agent application, and installation of fixed foam systems for a variety of hazards in accordance with the appropriate NFPA standards. Special emphasis will be directed to the identification and specification of component parts for each of the different types of fixed foam systems. Students will also be provided with an overview of system commissioning procedures and installation best practices. This program is recommended for all personnel involved in the specification, design, specification of component parts for each of the different types of fixed foam systems.

### TOPICS COVERED

Foam Agents – 101  
Foam System Discharge Devices  
Foam System Component Requirements  
Bladder Tank Systems  
Pump Systems  
Line Proportioner Systems  
Sprinkler Systems – Types and Applications  
Foam System Design Procedures and Bill of Material Preparation  
Flammable Liquid Storage – NFPA 16 and 30  
Closed Head Foam Water Sprinkler Systems  
NFPA Aircraft Hangers – NFPA 409  
High-Expansion Systems – NFPA 11  
Fuel Storage Tanks – NFPA 11  
Truck/Rail Car Loading Facilities – NFPA 11 & 16  
Foam System Check-out Procedures  
Bladder Tank Filling Procedures  
Foam Storage and Disposal Best Practices  
Foam System Commissioning Procedures  
Foam Sample Refractive Index Testing  
Foam Sample Conductivity Testing

### TIME & DATE

- October 8-10 (Enrollment Deadline Sept. 10th)
- Class starts at 8:00 am on Monday morning in the **Carmel** conference room of the host hotel.
- Class ends at 3:30 pm on Wednesday afternoon.

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### REGISTRATION

Students can register at [onlineTechXchange.com](http://onlineTechXchange.com)  
A confirmation letter will be sent after receipt of application and tuition payment.

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### WHAT YOU WILL RECEIVE

- Foam Systems Design and Application Manual
- Foam Systems Training Portfolio
- Daily catered lunches
- Invitation to a JCI hosted reception
- Certificate of Completion

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### HOST HOTEL

Hyatt Regency Sacramento 1209 L. Street  
Sacramento, CA 95814

Hotel Reservations:  
Phone: 916-443-1234 or 800-233-1234  
Reference "Johnson Controls" for the discounted group rate.

*All lodging costs and reservations are the student's responsibility and is not included in the Foam School tuition.*

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