

ISPE Boston Area and New England Chapters Present:
FM Global SimZone Tour and Program:
Identifying and Mitigating Common Hazards in Business Properties

Thursday, February 21, 2013

FM Global SimZone

1151 Boston Providence Hwy, Norwood, MA 02062

Four Points Sheraton

1125 Boston Providence Tnpk Norwood, MA 02062

PROGRAM SUMMARY:

Every year businesses sustain billions of dollars of property damage. Some of these losses could have been prevented had hazards been identified and corrected prior to becoming catastrophic. FM Global, a multinational business property insurance company, has created an experiential learning facility called the SimZone to teach their engineers to identify and mitigate property-loss risks. The FM Global SimZone is a simulation-based classroom that brings to life real-world educational scenarios involving 90% of the common hazards found in typical business properties. These include fire protection, ignitable liquid storage and transfer, construction, equipment malfunction and electrical hazards. In the SimZone, thousands of possible property risk simulations can be created so that attendees may gain real-world experience in identifying and correcting possible hazards.

This program will give attendees a tour of the SimZone that will provide a rare opportunity to experience some of the training that FM Global provides its own engineers. **This MEMBERS ONLY two-hour tour** will provide attendees with a hands-on education of state-of-the-art loss-prevention strategies and equipment. The SimZone demonstrates a variety of wall and roof construction, industrial heating equipment, electrical equipment, ignitable liquid storage and use, and warehousing. The facility also includes a fire protection sprinkler system demonstration area complete with an electric and diesel pump, an array of risers, and a variety of sprinkler heads.



Following the tour and after the reception will be three presentations which are open to Members and Non-Members. The opening presentation will address two aspects of hazardous material storage in the typical process facility. First will be a review of some common steps required to identify hazards in typical process operations and options for reducing the presence or magnitude of these hazards. Following this discussion, our speakers will present code compliant design approaches for fire-protection and separation, based on the use and storage of flammable materials. The last presentation will be a showcase of the research and product testing capabilities at the FM Global Research Campus in West Glocester, R.I. The presentation will highlight the testing conducted at the Fire Technology Lab, Natural Hazards Lab, Electrical Hazards Lab and Hydraulics Lab.

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SPEAKERS:



Dennis M. Anderson, P.E., Vice President, Engineering Application Manager, FM Global

Dennis Anderson is vice president, engineering application manager, for FM Global. Based at FM Global's Research Campus in West Glocester, R.I., USA, Anderson is responsible for addressing client, media, and business partner groups to illustrate the science and engineering capabilities. Appointed to his current position in 2003, Anderson previously served as vice president, chief engineer, and has been with FM Global for over 35 years. Anderson holds a master's degree in business from Case Western Reserve University in Cleveland, Ohio, USA, and a bachelor's degree in civil engineering from North Dakota State University, Fargo, N.D. He is a member of the National Fire Protection Association and the Society of Fire Protection Engineers, and is a registered professional engineer in Ohio and Wisconsin.

Eric Peterson, A.I.A., Senior Associate / Project Architect, Symmes Maini & McKee Associates

Mr. Peterson is a Senior Associate and Project Architect at SMMA with over 25 years of experience. A central aspect of his work is the coordination of multiple disciplines in complex projects, and his experience in the technical and code aspects of architectural projects. His design experience includes projects for Shire Pharmaceuticals, Pfizer, Organogenesis, Draper Laboratories, MicroChem Corporation, Lyme Properties and Bose Corporation. Mr. Peterson holds a Bachelor of Science in Architecture and a Master of Architecture from the University of Michigan College of Architecture and Urban Planning.

Howard Sneider, Senior Process Engineer, Clark Richardson Biskup

Mr. Sneider is a Senior Process Engineer at CRB. Previously, he was a Senior Process Engineer at Wyeth Biotech. He has over thirteen years of experience in all phases of process design, process modeling simulations, equipment design and selection, acceptance testing, start-up, commissioning, and validation. Mr. Sneider has participated in, and directed, the design of: biological, vaccine and API manufacturing processes, clean utilities, and facilities. His experience includes green-field and renovation projects at the lab, pilot, and commercial scale. He has worked closely with clients, vendors and construction managers to successfully execute and deliver design packages and construction support services. Mr. Sneider is a member of the ISPE Boston Chapter. He holds a BS degree in Chemical Engineering from Columbia University and a MS in Chemical Engineering from the University of Connecticut.

MEETING MANAGERS:

Russ Parry, CM Services East LLC

Michael Severino, Festo Corporation

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PROGRAM SCHEDULE:

- 3:30 – 4:00 PM Registration for MEMBERS ONLY TOUR (Four Points Sheraton)
- 4:00 – 6:00 PM MEMBERS ONLY Tour (FM Global SimZone)
- 5:30 – 6:00 PM Seminar Registration (Four Points Sheraton)
- 6:00 – 6:45 PM Networking Reception (Four Points Sheraton)
- 6:45 – 8:45 PM Presentations and Q & A (Four Points Sheraton)

REGISTRATION FEES:

Registration by 02/14/2013

After 02/14/2013

<input type="checkbox"/> Members	\$50	\$60
<input type="checkbox"/> Non-members **	\$95	\$115
<input type="checkbox"/> Students	\$5	\$10

** Attendees may only attend one program as a non-member.

REGISTRATION IS NOW OPEN ONLINE!

Don't waste time filling in the form! Register online at www.ISPEBoston.org/Events.
Pay by credit card OR check.

Name: _____ Title: _____

Do you wish to opt out of being listed on the attendee roster:

Company: _____ Member #: _____

Address: _____ City: _____ State: _____ Zip: _____

Tel: _____ Fax: _____ Email: _____

PAY BY CREDIT CARD: Visa MasterCard American Express

Card #: _____ Expiration Date: _____

Cardholder Name (as it appears on card): _____

Cardholder Signature: _____

Payment may be mailed to: ISPE, Boston Area Chapter, 411 Waverley Oaks Road, Suite 331B, Waltham, MA 02452
Telephone: 781-647-ISPE (4773) ☒ Fax: 781-647-7222 ☒ Email: office@ispeboston.org

****PLEASE NOTE: CANCELLATIONS RECEIVED AFTER February 14th ARE SUBJECT TO BILLING****

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DIRECTIONS:

From Boston and points North

Take I-93 South which turns into I-95 (Route 128) North.

Take Exit 15B, Route 1 South toward Norwood.

Travel 4.5 miles, the Four Points by Sheraton Norwood Hotel & Conference Center will be on your right after the Staples Plaza.

From the West

Follow Mass. Turnpike (I-90) East

Take Exit 14 onto I-95 (Route 128) South. (Note: From the West, this Exit is number 14, from the East, it is number 15.)

Continue South to Exit 15B. Route 1, Norwood,

And proceed as above.

From Providence, TF Green Airport & points South

Take I-95 North to Exit 11B, Neponset Street, Norwood.

Drive 7/10 of a mile and turn left onto Dean Street.

At traffic light, turn left onto Route 1, heading South.

The Four Points by Sheraton Norwood Hotel & Conference Center is on your right after the Staples Plaza.

CLICK HERE FOR DOOR TO DOOR DIRECTIONS:

[HTTP://MAPS.GOOGLE.COM/MAPS?F=Q&HL=EN&Q=1125+PROVIDENCE+HWY+NORWOOD,+MA&LL=42.173582,-71.194839&SPN=0.175819,0.431213](http://maps.google.com/maps?f=Q&hl=en&q=1125+PROVIDENCE+HWY+NORWOOD,+MA&ll=42.173582,-71.194839&spn=0.175819,0.431213)