



Editor **Fusible Link**
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Society of Fire Protection Engineers

New Jersey Chapter

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Joseph.janiga@fmglobal.com

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Vicki Serafin
vicki.serafin@affiliatedfm.com

FUSIBLE LINK

MAY 2013

Being that the Chapter just had our annual Joint AFAANJ Spring Symposium on Friday, April 26th it did not give us time to prepare a normal Fusible Link edition. A more detailed review of the symposium will be contained in the June edition. Our next Chapter Meeting is on Monday, May 6. We wanted to at least get a meeting notice out to our membership to attend this special meeting that will be held at the East Hanover Fire House located at 323 Ridgedale Avenue, East Hanover, NJ. The meeting will start at 6 pm. Dinner will be served by an outside caterer. The program will include a fire demonstration of the NJFSAB Fire Sprinkler Burn Trailer and Reliable Valve demonstration /exhibition trailer. A picture of the East Hanover Fire Dept. is shown below.



Many Thanks to the 21 Vendors who Generously Supported our Chapter's Annual Symposium

NJ SFPE & AFAANJ thank all of our supporting vendors





Society of Fire Protection Engineers

New York Metropolitan & New Jersey Chapters

**Annual Golf Outing
Monday June 17, 2013
West Point Golf Course
West Point, NY**

For the Benefit of the Joint Scholarship Fund

Outing Highlights Include:

Limited Openings to the First 144 Player Reservations – No Exceptions
9 AM Continental Breakfast & Registration – 10 AM Shotgun Start
 Greens Fees & Cart Included – Four Player Scramble Format
 BBQ Buffet following Play – Performance & Door Prizes

**\$135.00 per Player / \$ 50.00 to Attend Luncheon Only
 (\$150.00 Player Fee if Payment received after June 1st)**

Make checks Payable to “NJ Chapter SFPE”

COMPLETE, DETACH & SUBMIT PORTION BELOW

	NAME	COMPANY	PHONE OR EMAIL
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CART 2			
CART 2			

AMOUNT ENCLOSED - \$ _____ GROUP CONTACT: _____

CONTACT PHONE: _____

Mail to: NJ Chapter SFPE
 Vicki Serafin
 PO Box 8268
 Parsippany, NJ 07054
 973-541-6771



Society of Fire Protection Engineers

New York Metropolitan & New Jersey Chapters

TOURNAMENT SPONSORSHIPS

Monday June 17, 2013

TO BE A PART OF A WORTHWHILE PROGRAM OF PROVIDING SCHOLARSHIPS TO DESERVING FIRE PROTECTION STUDENTS

GREEN / TEE SPONSORSHIP \$ 200.00

(SPONSOR NAME PROMINENTLY PLACED ON TEE OR GREEN AND SPONSOR NAME INCLUDED IN PROGRAM AND ANNOUNCED AT LUNCHEON)

NAME TO APPEAR ON SIGN: _____

• **GIFT PRIZE SPONSORSHIP**

PLEASE ACCEPT THE GIFTS LISTED BELOW FOR USE AS PRIZES ON THE DAY OF THE TOURNAMENT. I WILL BRING THE PRIZES WITH ME TO THE OUTING.

REFRESHMENT / SPECIAL SPONSORSHIPS

IF YOU ARE INTERESTED IN A SPECIAL SPONSORSHIP OF THE DRIVING RANGE, REFRESHMENTS, HOLE-IN-ONE CHALLENGE, ETC., PLEASE CONTACT Vicki Serafin at Vicki.serafin@affiliatedfm.com

Make checks Payable to "**NJ Chapter SFPE**"

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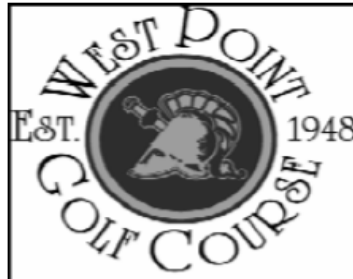
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Society of Fire Protection Engineers

New York Metropolitan & New Jersey Chapters



Location:

West Point Golf Course
Building 1230
West Point, NY 10996
845-938-2435

Monday June 17, 2013

9 AM Continental Breakfast & Registration – 10 AM Shotgun Start

Directions:

Palisades Parkway North to the Bear Mountain Bridge Traffic Circle. Go three quarters of the way around the circle and take 9W toward West Point. Go 5.5 miles and take the Rte. 218 / Rte. 293 / Rte. 6 exit. (Note: You will go under a golf cart bridge just before the exit.) You can see the golf course on the right off of 9W. Exit right off the ramp into the parking lot.

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2013-2014 New Jersey Chapter SFPE Nomination for Officers and Directors

In compliance with the Nomination Section of the Constitution and By-Laws of the New Jersey Chapter of the Society of Fire Protection Engineers, the Nominating Committee submits the following slate of Officers and Directors. The election will be conducted at the Annual Business Meeting, scheduled for Monday, June 3, 2013 at the Hanover Manor.

President Joe Janiga
First VP Dave Gluckman
Second VP Paul McGrath
Secretary Mike Newman
Asst. Secretary Brad Hart
Treasurer Glenn Buser
Asst. Treasurer Nate Gorey
Board of Directors (2-year term)
John Stoppi (first year of first term)
Chris Vitale (first year of first term)
Ernesto Vega (first year of first term)

Chapter member Robert Murray is also running for the first year of his second term as Board of Directors member-at-large.

Ed Armm will be Immediate Past President, a voting member of the Board of Directors and Chair of the Nominating Committee.

The Nominating Committee and the Board of Directors welcomes volunteers to serve in leadership capacities within the organization including Committee activities and the Board itself. Any member with a desire to run as a candidate for Chapter Officer or Director is encouraged to do so. They must contact the Chapter Secretary, Mike Newman at mnewman@its.jnj.com at least four weeks prior to the Annual Business Meeting. In accordance with the New Jersey Chapter By-Laws, candidates must submit the signatures of five voting members of the New Jersey Chapter SFPE along with their letter of intention to run for any of the above positions. According to the calendar, the deadline is Monday, May 6, 2013.

EMPLOYMENT OPPORTUNITY

Aon Fire Protection Engineering offers careers for those seeking challenges and the opportunity to grow in more than one aspect of their career. With offices conveniently located in major US cities and a respected global presence, Aon Fire Protection Engineering offers exciting project opportunities in a vast range of industries and projects throughout the world. Our offices are filled with motivated people solving problems, researching new ideas, and working to keep people safe. It's a line of work that presents challenges - and extraordinary rewards - for talented people ready for a vibrant, gratifying career. Currently, we have exciting career opportunities for both a Senior Fire Protection Consultant and an Entry Level Consultant in our New York TriState Office, with locations in Stamford, CT and Manhattan, NY.

Duties and Responsibilities:

The open positions will require the selected candidates to prepare building and fire code consulting and analysis, develop fire protection system designs and associated calculations, complete evaluations of existing fire protection systems, and prepare life safety surveys / studies. Candidates must have the capability to work closely as part of a team of fire protection and building/life safety code professionals. Candidates must possess quality interpersonal and communications skills required to interface directly with clients and building and fire officials.

Senior Consultant candidates must have proven project management and organizational skills, and be capable of managing multiple large and small projects simultaneously. Senior Consultant candidates must also be capable and interested in participating in business development efforts.

Special Skills and Requirements:

Consultant candidates should have a B.S. degree in Fire Protection, Electrical, or Mechanical Engineering or Architecture. Candidates should also be interested in, and capable of obtaining their engineering or architectural license. Consultant level candidates should have a general familiarity with all areas of fire protection systems, a general understanding of building codes and standards, and the ability and interest to apply these skills to solve real world problems.

Senior Consultant candidates should have 10 to 15 years of experience of increasing responsibility, and be licensed engineers or architects. Senior Consultant Candidates should have a broad range of both technical and project management experience. A keen knowledge of building codes, related standards, and their application to building design is required.

Overnight travel and a valid driver's license is required.

Interested candidates should contact:
Shirley Grobart, CDR
HR Manager Talent Acquisition - Aon Recruiting
847-953-2208
shirley.grobart@aon.com

JMCC 

John M. Cholin P.E., FSFPE, M.E.E.

J.M. Cholin Consultants, Inc.

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Coffee Break Training - Hazardous Materials

Vapor Pressure, Boiling Point and Vapor Density

No. HM-2012-3 November 5, 2012

Learning Objective: *The student shall be able to explain vapor pressure, boiling point and vapor density.*

Approximately 90 percent of hazardous materials (hazmat) injuries are due to inhalation. In general, although some solids are very hazardous (on physical contact with skin or if ingested into the body), gases and liquids with high vapor pressures pose the highest risks to responders. These chemicals are more dangerous because they have the capability to become airborne, to disperse and travel through the atmosphere and to be inhaled.

Vapor pressure (Vp), boiling point (BP) and vapor density (Vd) are three physical properties that are significant in determining risk.

All liquids give off some vapor at their surface. The amount of vapor given off by a liquid at a given temperature and pressure is measured as that chemical's Vp. Vp is the force exerted by a vapor against the sides of a container or against atmospheric pressure. Chemicals that have high Vps have a greater tendency to vaporize than those with lower Vps. A chemical is said to be more volatile if it has a greater tendency of a chemical to vaporize.

The following are some important facts about Vp:

- The higher the temperature, the higher the Vp.
- The higher the Vp, the faster a liquid evaporates.
- The faster the evaporation, the more vapor in the air.
- The higher the Vp, the higher the pressure inside a container.

The BP is the temperature at which Vp equals atmospheric pressure. As temperature increases, Vp increases. Physical state change occurs as temperature and Vp increase. Liquids at normal atmospheric pressure that have high Vps also will have low BPs.

Vd is a comparison of the weight of a vapor to the weight of dry air. It is determined by computing the sum of the atomic weights of the atoms in a molecule and is measured in atomic mass units (AMUs). Dry air has a molecular weight of 29 AMUs. Vapors with a molecular weight above 29 are heavier than air, and vapors with a molecular weight less than 29 are lighter than air.

For archived downloads, go to:

www.usfa.fema.gov/nfa/coffee-break/

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Fax: (973) 541-6909

MEETING NOTICE

Date: May 6, 2013

Place: East Hanover Fire House
323 Ridgedale Avenue
East Hanover, NJ.

Price: \$30.00

Dinner: 5:00-6:00 (Cash bar for mixed drinks)
Dinner at 6 PM

Topic: Fire Demonstration of the NJFSAB Fire Sprinkler Burn Trailer
and Reliable Valve Demonstration/Exhibition Trailer

PLEASE COMPLETE AND RETURN WITH YOUR CHECK PAYABLE TO "SFPE NJ CHAPTER" TO:

Vicki Serafin
Affiliated FM
400 Interpace Parkway, Bldg C - 3rd Floor
Parsippany, NJ 07054-1196
vicki.serafin@affiliatedfm.com

OR PAY AT THE DOOR

NAME: _____

COMPANY: _____ TELEPHONE: _____

Meeting Dates/Programs 2012-2013

May 6


Reliable Valve Trailer and NJFSAB Fire Sprinkler Burn Trailer—Speaker: Tom Fields

June 3

Chemical Safety Board speaker on Large Loss Causes and Lessons Learned ANNUAL MEETING—Officer & Director Elections

June 17


Scholarship golf outing at West Point



Paul McGrath
President
Permit #P00072

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