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FUSIBLE LINK

October 2020

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President's Message....

The September meeting, which was held at the Hanover Manor along with our friends from AFAA-NJ was a great combined meeting and an opportunity to see friends and colleagues after a long stretch of zoom and online get-togethers. At the meeting our own Ernest Vega Janica gave a thorough briefing on using performance based methods when applying NFPA 72 to projects and designs. Ernesto and IEEE also provided free publications and booklets on NFPA 70, 72 and provided associated handbooks. Thanks to Ernesto and IEEE for their generosity and support.

Overall the meeting was a great event. We also were treated to an appearance by the City Fire 1952 Red pick up truck which brought all the books to the site. Thanks to Paul McGrath for the transportation. Our next meeting is Monday October 5th at the Hanover Manor. Our guest speaker to be announced later will cover the subject of Remote Testing of Fire Protection Systems. Note that this and all future meetings we will be following the guidelines of the State of New Jersey with respect to social distancing and Covid 19 gathering precautions. Look for an email from Vicki that will contain a link where you can sign up and pay for the monthly meeting online. We encourage all of you to sign up online by using the link. Each month will be a new link so check your emails prior to the meeting.

Thanks to all of you for your continued support of our Chapter and see you in October.

Rich Reitberger, FSPPE

Chapter President

NJSFPE September Meeting Minutes

President Rich Reitberger convened the September meeting at 6:00 PM with the pledge to the flag and customary introductions. There were 33 in attendance. This



was a joint chapter meeting with the AFAA-NJ with Ernesto scheduled to discuss various fire protection engineering topics and also a publication giveaway.

Thanks to Ernesto/IEEE and Paul/City Fire there were dozens of copies of dozens of fire protection publications by the IEEE and the SFPE distributed for free to the attendees.

Dennis Boone, Pres AFAA-NJ made some remarks to

his members. Rich awarded the Past Presidents' pin to Paul McGrath and thanked him on all our behalf for his service as President.

The Foundation's postponed golf outing is set for this coming Monday, September 28.

Our own Ernesto Vega-Janica, IEEE presented us with a discussion of various issues for the fire protection engineer. He started with Performance Based Design; describing it like optimization and commenting that prescriptive design is often appropriate for ordinary situations while performance based design can often be a benefit for special, unusual situations.

He discussed several Priorities for the Future; among them being Building Cladding Issues and Wildland Urban Interface. He discussed some details of the upcoming FPE Professional Engineering Exam. And he explained the point that it is the Building and Fire Codes which specify whether fire alarms/sprinklers are needed. It is the standards (ie: NFPA) which stipulate design requirements.

There was a motion to adjourn at 7:30PM.

NJSFPE's October Meeting

When

Monday, October 5, 2020 from
5:30 PM to 8:00 PM EDT

Where

The Hanover Manor
16 Eagle Rock Ave
East Hanover, NJ 07936

Dear Richard,

The September Meeting was such a success, we'd like to again have the October 5th meeting In-Person at the Hanover Manor.

Our evenings speaker will be Mr. Drew Slocum, VP of Business Development / Co-founder of Inspection Point.

Drew will be discussing one of NFPA's most recent Standards that is under development, NFPA 915 Standard for Remote Inspections. Drew is a member of the Technical Committee and will share the scope and purpose and what we can expect with this new Standard.

Drew's background is in Industrial Engineering from Rensselaer Polytechnic Institute. Prior to Inspection Point, he worked for Viking and Tyco, He is the Executive Director of the NY Fire Sprinkler Contractor's Association. He is also a Six Sigma Blackbelt and host of The Fire Protection Podcast.

Please wear your mask and observe proper social distancing practices.

Get more information

[Register Now!](#)

I can't make it

Here, provide contact information if invitees have any questions about the event or how to register.

Finally, thank them for their attention and response, and tell them you look forward to seeing them at your event.

Sincerely,

Jim Loftus
New Jersey Chapter of the SFPE
james.loftus@siemens.com
973-590-0048

CSB Issues New Type of Safety Product

September 10, 2020, Washington, D.C. - Today the U.S. Chemical Safety and Hazard Investigation Board (CSB) released a new contractor report stemming from the 2017 fatal dust explosion at the Didion Milling facility in Cambria, Wisconsin. The document entitled, "[Dust Hazard Learning Review](#)" produced for the CSB by Dynamic Inquiry LLC, gathered feedback from industries that handle combustible dust to identify the key barriers to improvement in the control and mitigation of combustible dust hazards.

On October 24, 2018, the CSB issued a "Call to Action" to gather comments on the management, control and understanding of combustible dust from companies, regulators, inspectors, safety training providers, researchers, unions and the workers affected by dust related hazards. The CSB received a total of 57 responses which are utilized throughout the safety review.

CSB Chairman Katherine Lemos said, "This learning review represents a new method for the CSB to examine an incident. The outcome of this specific review provides an opportunity for dust hazards to be examined from multiple perspectives, which may allow for a greater understanding of pre-existing assumptions and scenarios."

The CSB identified the following key issues:

- **Sharing Information**: The sharing of information between companies, industries, and regulators was the most desired goal requested from the respondents. These respondents felt that having a platform to share information and experiences openly, without fear of reprisal or punishment, would offer the best path forward to learn from others regarding dust hazard mitigations and best practices.
- **Barriers to Improvement**: Respondents identified the inability to achieve a dust-free environment. Review of the comments revealed that this may have been due to a normalization of risk.
- **Controls**: The Call to Action revealed important challenges with the language used to describe combustible dust and its mitigation, suggesting it be presented as a distinct hazard, not simply as an "issue of tidying up the place". It was also clear that all levels of communication need to improve within facilities that have combustible dust.

In summary, the CSB found that the responses from the "Call to Action" captured several industry wide insights into the issues, concerns and opportunities faced by dust-producing operations daily.

Chairman Katherine Lemos said, "The CSB hopes that this product provides further insight and understanding of combustible dust hazards. Our goal is to continue to examine incidents from multiple perspectives to better enhance prevention and continually drive chemical safety."

The CSB is an independent federal agency charged with investigating and determining the cause or probable cause of industrial chemical incidents resulting from the accidental release of a regulated or extremely hazardous substance into the ambient air.

The CSB's core mission activities include conducting incident investigations; formulating preventive or mitigative recommendations based on investigation findings and advocating for their implementation; issuing reports containing the findings, conclusions, and recommendations arising from incident investigations; and conducting studies on chemical hazards.

The agency's board members are appointed by the president and confirmed by the Senate. The Board does not issue citations or fines but makes safety recommendations to companies, industry organizations, labor groups, and regulatory agencies such as OSHA and EPA. Please visit our website, www.csb.gov.

Meeting Dates/Programs 2020-2021

Most meetings are held at the Hanover Manor, 16 Eagle Rock Ave., East Hanover, NJ.
Social hour starts at 5:00PM, Dinner meeting starts at 6:00PM.

2020-2021 SFPE Program Schedule	Presenter	Date
Remote Testing of Fire Protection System	TBD	October 5, 2020
SFPE International Conference	Virtual Watch Party	November 9, 2020
Holiday Party		December 7, 2020
SFPE Tall Buildings Guide	TBD	February 1, 2020
Sprinkler Freeze Protection	Amber Bodner Johnson Controls	March 1, 2020
Spring Technical Seminar		April 2020
United Fire Protection Tour		May 3, 2020
SFPE NJ NY Metro Chapters Foundation Golf Outing		June 7, 2020
Annual Meeting/ Lithium Ion Batteries	TBD	June 14, 2020

Looking for HPR Experienced Engineers!



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Advertising in the Fusible Link

It is a new advertising year and we invite you to participate with a spot in our Chapter newsletter the ***Fusible Link***. We have a few options to get your name out to the full membership and also to be a part of our website, Just click on the convenient link below to register now. Thanks in advance for your consideration to advertise with us today. We appreciate your support of the Chapter.

<http://events.constantcontact.com/register/event?llr=gyofsfkab&oeidk=a07egtv146yab39552f>



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Engineering & Design Manager

Oliver Fire Protection and Security is a successful, diversified, family owned business serving the fire protection community since 1957. Oliver Fire Protection & Security has a well distinguished history of a fire protection within the Philadelphia region. Our core values respect our employees' worth and contributions, emphasize teamwork and offer opportunities for personal and professional growth.

This is a high-impact, high-visibility role. As a critical part of Oliver's support structure, this person will scale and lead a team of professionals that will allow Oliver to meet the revenue and growth goals. In this new role, you will leverage your prior leadership and experience to create high impact, scalable team practices with the resources and support of a high growth, firmly established industry leader.

Responsibilities:

- Motivate, coach and lead the new team to achieve department goals
- Motivate, lead, coach, and develop the design supervisors to execute the goals of the department.
- Support a design training program that ensures a continuous hiring and development process for new designers.
- Support a continuous recruiting and hiring effort of engineering & design trainees through community outreach, job fairs, advertising, and interviews.
- Identify areas of design staff development and training. Create and implement the necessary training.
- Participate in Pre-Design to provide input for job planning/assignment.
- Manage the preparation of detailed working drawings in accordance with contract documents/scope of work, and the necessary design reviews from sales and management during design process.
- Manage the necessary communication and coordination with other trades to ensure accuracy of shop drawings.
- Develop and manage the design schedule within the project schedules; to take advantage of overall windows of opportunity.
- Participate in Pre-Construction Meetings.
- Monitor and manage the flow and cost of materials as necessary to maintain project schedule and budget.
- Instruct and train designers in the basic process of system design.
- When necessary, mentor, coach, and discipline assigned employees; per company policies.



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Engineering & Design Manager

- Maintain compliance with all company and state/federal safety standards, regulations, equipment, and procedures.
- Ensure proper maintenance of all; company tools, equipment and immediately refer any problems to Branch Manager.
- Manage and supervise multiple design personnel.
- Gain leadership involvement in industry organizations.
- Perform all other duties as assigned.

Qualifications:

- 4-year college degree preferred – Engineering is a plus
- 10+ years of experience
- 5+ years of management experience
- Experience in handling difficult and/or escalated situations
- Demonstrate leadership, decision-making, and team building skills
- Demonstrate strong oral, written and verbal communication skills
- Excellent positive people skills
- Outstanding organizational and problem-solving skills.
- Excellent phone and email skills

Oliver Fire Protection offers a competitive compensation package including; Salary, Comprehensive Benefits Package including; Medical, Dental, Life, LTD, Profit sharing program. For more information please contact Michael Greco at mgreco@oliverfps.com or 610-277-1331 ext. 323.



Donate today and help a Fire Protection Engineering student reach their goal of becoming an FPE. Your donation is also tax deductible. www.njsfpe.org/scholarship_fund_donations



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2020-2021 Chapter Committees

STANDING COMMITTEES

Program / Arrangements – Vicki Serafin / Rich Reitberger

Membership – Rich Reitberger

Nominating – Mike Newman / Dave Gluckman

Auditing – Evan Fitzgerald / Vanessa Gallagher

Archivist / Historian – Vicki Serafin / Marvin Maradaga

Communications:

Fusible Link – Brad Hart / Lindsey Taylor / Paul McGrath

Electronic Correspondence – Vicki Serafin

Website – Paul McGrath / Lindsey Taylor

Bylaws – Joe Janiga / Rich Reitberger

Career Recruitment – Donna Spano

Legislative – Jerry Naylis / Mike Wilson

Chapter Seminar – Jim Loftus

SFPE International Liaison – Glenn Buser

Fire Prevention Week Grant Program – Paul McGrath / Dave Gluckman

Chapter Excellence Awards & Chapter Awards – Rich Reitberger / Vicki Serafin

NJ / NY Chapters Education Foundation – Rich Reitberger / Mike Newman

HELPFUL LINKS

ADAAG <http://www.access-board.gov/adaag/about/index.htm>

AFAA National <http://www.afaanet.org/>

AFFSA <http://www.firesprinkler.org/>

ANSI <http://web.ansi.org/>

ASHRAE <http://www.ashrae.org/>

Campus-Firewatch <http://www.campus-firewatch.com/>

Coffee Break Training <http://www.usfa.dhs.gov/nfa/coffee-break/>

CPSC <http://www.cpsc.gov/>

CSAA <http://www.csaul.org/>

Municipal Codes (E Codes) <http://www.generalcode.com/Webcode2.html>

FDNY <http://nyc.gov/html/fdny/html/home2.shtml>

FM Global <http://www.fmglobal.com/>

FSDANY <http://www.fsdany.org/regs.htm>

FSI <http://www.firesprinklerinitiative.org/>

FSSA <http://www.fssa.net/>

Fire Tech Productions—Nicet Training (FTP) <http://www.firetech.com/>

Home Fire Spkrl Coalition <http://www.homefiresprinkler.org/>

HVAC Bld. Control Fire Safety <http://www.iklimnet.com/hotelfires/hotelfiresmain.html>

AFAA-NJ <http://www.afaanj.org/>

International Code Council - <http://www.iccsafe.org/>

International Code Council Residential Sprinkler Exam - <http://www.iccsafe.org/news/>

[nr/2009/0709_ResidentialSprinklerExam.pdf](http://www.iccsafe.org/news/nr/2009/0709_ResidentialSprinklerExam.pdf)

The Joint Commission (JCAHO) - <http://www.jointcommission.org/www.JointCommission.org/>

Material safety data Sheets (MSDS-OSHA Site) - <http://www.osha.gov/SLTC/hazardcommunications/index.html>

National of Fire Equipment Distributors (NAFED) - <http://www.nafed.org/index.cfm>