



FIRE BUCKET

May 2010

UPCOMING MEETING:

The Central Ohio Chapter, Society of Fire Protection Engineers, next chapter meeting will be held on Thursday, May 13, 2010 at the Fawcett Center, Registration: 11:15-11:30 AM, Lunch at 11:30 (Fawcett Center Buffet), Presentation: 12:15 PM. Jason Safraz of CEC Combustion Services Group will discuss Natural Gas Safety. Accidents related to fuels and combustion equipment like gas piping, boilers, ovens, and industrial furnaces have taken hundreds of lives and cost U.S. businesses billions of dollars over the past 20 years. Within the past 12 months there have been at least 8 lives lost, over 100 people injured, and over \$1 Billion in losses from just natural gas piping and purging accidents. This presentation will discuss recent gas piping incidents complete with pictures and stories from one of the scenes. Information regarding upcoming changes in gas piping laws will be presented along with new approaches to control these risks. The cost for members is \$20.00 or for non-members it is \$25.00. Please make your reservations for this meeting with Mr. Bowman. Contact information is E-mail at mark.bowman@xlgroup.com or by phone at 614-751-5049.

PREVIOUS MEETING

The Thursday, March 11, 2010 meeting was held at the Fawcett Center with an open discussion of the special hazard industry. The topics included news and updates to the industry; a discussion of the EPA in the special hazard fire protection business; which clean agents are winning in the marketplace; industry consolidation issues etc. Mr. Mike Hard, local business man and a long time member of SFPE was the presenter.

UPCOMING MEETINGS

All chapter meetings will be held at The Ohio State University Fawcett Center located at 2400 Olentangy River Road, Columbus, Ohio 43210 at lunch time.

May 13, 2010 - Chapter Meeting

June 25, 2010 – Chapter Golf Outing at Willow Run Golf Club – **See attached registration form.**

September 9, 2010 - Chapter Meeting

October 4, 2010 – SFPE / OSU Burn Center Golf Outing at the County Club At Muirfield Village

November 11, 2010 - Chapter Meeting

January 13, 2011 - Chapter Meeting

PRESIDENT'S COLUMN

Well, it is finally Spring. I for one have really looked forward to the warm weather after such a snowy winter. The last Fire Bucket was published without my column. I was on a very enjoyable vacation cruise with my wife. I almost did not come back.

Many of you know that my mother passed away in late March. The chapter sent flowers to the funeral home and many of you stopped in to visit me and my family at the funeral home. Thank you to all for the flowers, the kind words and the support.

The chapter golf outing will be June 25, 2010 at Willow Run (SR161 & SR310) again this year. This is a great outing with a great steak dinner for \$50.00. Please support this outing. It is reasonably priced and Mark and Phil put a lot of time and effort into the planning of this outing. Please mark your calendar and sign up early.

For those of you who specify or purchase fire pumps, you need to be aware of a U/L and FM mandated change to all electric fire pump control panels that ship after July 1, 2010. We are attaching a letter that was issued by Emerson (Firetrol, Inc) addressing the required changes but I will also summarize here in this column. By the way, we received the exact same type of letter from all of the panel manufacturers. We are attaching Emerson's letter as random. This attachment is in no way promoting a specify brand of control panel. The changes will be as follow;

1. All control panels shall have a test drain solenoid valve as. This test solenoid has always been a part of the diesel fire pump control panels, so we will not really see a change to the diesel panels. All electric panels will now include the test drain solenoid valve as part of the panel manufacturer's pressure switch and sensing line assembly.
2. All electric fire pump panels with an integral automatic transfer switch will now be required to include a circuit breaker (in addition to the isolation switch which has always been standard). Along with the circuit breaker switch, the transfer switch panel will need to be furnished with three phase monitoring and power surge suppression (same as what is currently furnished on the normal power side of the panel). Thus, all panel manufacturers have announced that they will no longer offer their "generator" transfer switch panel. They will only offer their "second utility" transfer switch panel as this transfer switch design already has all of the now required features. This will be a significant price add compared to the "generator" transfer switch.
3. Item three affects high voltage electric panels. We do not see much requirement for high voltage panels (2300 V and higher), so we will let you read the requirement on the attached Emerson letter.

Please mark your calendars now for the SFPE/OSU Burn Center golf outing. This year's event will be Monday October 3, 2010 and we are changing venues this year. The golf outing will be at The Golf Club at Muirfield Village in Dublin, Ohio. Announcements and registration will be sent out around July 4, 2010. Please mark your calendar now for this event.

Training

Registration is now OPEN for the 2010 NFPA Conference and Expo to be held at Mandalay Bay in sunny Las Vegas, NV from June 7 through June 10, 2010. Registration opened on November 1, 2009. To register, visit www.NFPA.org and click on the Training button on the top navigation bar.

ORR Protection Systems is having a seminar on Fire Protection Game Changers in Cincinnati on May 18, 2010 and May 19, 2010 in Indianapolis. Topics include new water mist systems, mass notification

ideas, new aisle containment strategies, and new smoke and gas detection technologies. Visit www.orrprotection.com or call 1-800-347-9677 ext. 4523 for more information.

Job Jar

Job postings are made available to members at no cost. If you have a position or need a position please submit your information to the FIRE BUCKET editor at Philip.gentile@xlgroup.com.

See jobs available from NICET at www.nicet.org

Did You Know

Network Studying Possibilities of High Wood Buildings

New Brunswick Business Journal (04/01/10) Hanley, Glenna

Major construction projects, like large condo, commercial, and industrial buildings, use steel frame concrete construction, but wood framing could one day become a major competitor with steel and concrete. Last year in London, a nine-story apartment building was constructed with wood framing, and a seven-story, wood-frame condo was recently building in Miki City, Japan, partially to test the safety of a wood-frame building in an earthquake zone. In April 2009, British Columbia changed its building code, allowing residential construction up to six stories to use wood framing, exceeding the three-to-four story limit set by the National Building Code. The move towards more wood construction is largely being driven by the green movement, because wood is a renewable resource and is currently less expensive than steel, according to University of New Brunswick forestry and environmental management faculty member Ying-Hei Chui. Chui was recently named a director of a new research network on innovative wood products and building systems, called NEWBuildS that will investigate the possibility of building up to 12 stories with wood framing. The research, which is funded by the Natural Science and Engineering Research Council of Canada, will analyze the future uses of wood buildings, and will focus on ensuring they are safe, stable, and long lasting. Chui says wood, pound for pound, is actually stronger than steel. "Technically there is no reason why we couldn't be using wood. But in a taller building we have to develop technology that allows us to predict how a building would perform in loading from wind, an earthquake or snow," says Chui. Combining wood with some concrete, a hybrid construction, including design elements like lining a fire escape stairwell with concrete, could address some issues like safe evacuation during a fire

You do not need to be a Professional Engineer to join the Ohio Society of Professional Engineers. You can be a supporting friend and gain a lot of cool benefits. Just check out this link for more information. www.ohioengineer.com

Carl Sellke provide this news letter from Emerson Network Power - April 23rd, 2010

To All Firetrol Customers and Agents, Worldwide:

In order to meet the new requirements of Underwriters Laboratories (UL) and the Factory Mutual Research Corporation (FM) Firetrol must make some changes to our line of Electric Motor Driven Fire Pump Controllers and Automatic Power Transfer Switches and our Diesel Engine Driven Fire Pump Controllers. These changes require fire pump controller manufactures to add hardware features to their controllers. The changes are required on ALL fire pump controllers **shipped AFTER July 1st, 2010**. The changes required by these code changes are:

Change One: Test Drain Solenoid Valve.

This is a **two-way** ½ Inch valve. For many years the diesel engine fire pump controllers have been equipped with a **three-way** ¼ inch valve. FTA1100 Diesel controllers will be updated to a two-way valve. Other Products effected:

Electric Fire Pump Controllers: FTA750, FTA1000 – FTA1930, FTA3100 Series VFD

High Voltage Fire Pump Controllers: FTA2000 Series

Change Two: Automatic Power Transfer Switches

Due to the ever increasing size of generators that power entire buildings or facilities, the fault currents can now rival those of the power utilities. Therefore UL and FM are concerned about the short circuit interrupting capacity of the disconnect in the transfer switch compartment. These agencies now require the same isolating switch and circuit breaker in the transfer switch compartment that is also required in the fire pump controller compartment.

The FTA900 product line will become obsolete and no longer available for shipment after July 1st, 2010. Our FTA950 product line will now become the only option for an integrally mounted automatic power transfer switch with a fire pump controller.

Change Three: Spare Fuses for High Voltage Fire Pump Controllers

The agencies now require that every FTA2000 must have one spare set of fuses shipped with each controller. These fuses can be found in the fuse compartment on the back of the FTA2000.

*Society of Fire Protection Engineers
Central Ohio Chapter*

Paid membership – Sept 2009- Aug 2010

Baughman, Johnny – Gentry Fire Protection Co.
Barry, John - Hard Fire Suppression
Bollon, Richard – Columbus Fire Dept.
Bowman, Mark – XL Gaps – *Pre-Paid*
Curry, Lee - Retired
Dann, Bryan – Dannba Design
Dawson, Robert – Simplex Grinnell – *Pre-Paid*
Dexter, David – Korda/Nemeth Engineering, Inc. – *Pre-Paid*
DiMarzo, Jim – Industrial Sales Co., Inc. – *Pre-Paid*
Downey, Ray – Chemetron Fire Systems
Evans, Lorin C. – Gentry Fire Protection Co.
Falk, John Sr. – Capital Fire Protection Co.
Gates, Steve – Mitsui Sumitomo
Gattshall, Troy – Reliable Automatic Sprinkler Co. – *Pre-Paid*
Gentile, Phil – XL Gaps
Hard, Michael D. – Hard Fire Suppression Systems
Howard, Bradley – Koorsen Fire & Security – *Pre-Paid*
Hunnell, Mark – Capital Fire Protection Co.
Knight, Ryan – Silco Fire Protection Co. – *New Member*
Kossler, Rick – Simplex Grinnell – *Pre-Paid- New Member*
Kovach, Dennis – American Electric Power
Larcomb, Bruce - Retired
Leman, Eric – Heapy Engineering, LLC
Lowman, Stefon – S.A. Comunale
McCann, Dennis – State Fire Marshall's Office
McDowell, Daniel – City of Columbus, Bldg. Servs. Division – *Pre-Paid*
McNamee, Jerry – Gentry Fire Protection Co.
Miller, Chad – SA Comunale – *Pre-Paid, New Member*
Nibert, James – Retired
Norman, Andy – Heapy Engineering – *Pre-Paid*
O'Connor, Thomas – American Electric Power
Ohler, Deborah D. – Ohio Board of Bldg. Standards
Orr, Robert – Simplex Grinnell L.P. – *Pre-Paid*
Oyster, Ryan – Simplex Grinnell – *Pre-Paid*
Perkins, Alan L. – Washington Twp. Fire Dept.
Ruff, Shawn – Silco Fire Protection Co. – *New Member*
Sellke, Carl A. – Industrial Sales Co., Inc. – *Pre-Paid*
Stahl, Sheryl – Gentry Fire Protection Co.
Starkey, Steve - Gentry Fire Protection Co
Stillwell, Thomas - Xtralis
Strout, Rick – Siemens Fire Safety – *Pre-Paid, New Member*
Stump, Steve – VMP Engineering
Thompson, Robert – VFP Fire Systems
Titter, Robert – Ashland, Inc. – *Pre-Paid*
Tulga, Gerald E. – Tulga Consulting LLC
Walters, Michael – Michael Walters Fire Prot. Design
Widdis, Troy, Koorsen Fire & Security
Yambrovich, Vince - Fire Loss Control, Inc., - Retired
Zhang, Weiming – A E C – *New Member*
Zink, David – Koorsen Fire & Safety – *Pre-Paid*



SFPE Website	www.sfpe.org
SFPE Central Ohio Chapter	www.sfpe.org/Chapters/CentralOhio
ICC Website	www.iccsafe.org
BBS Website	www.com.ohio.gov/dico/bbs.aspx
NFPA Website	www.nfpa.org
US DOE Office of Energy Efficiency Website	www.energycodes.gov
State Fire Marshal Website	www.com.state.oh.us/sfm
Underwriters Laboratories Website	www.ul.com
OSU Fire Safety Website	www.firesafety.osu.edu
National Fire Sprinkler Association Website	www.nfsa.org
American Fire Sprinkler Association	www.firesprinkler.org

SFPE CENTRAL OHIO CHAPTER OFFICERS

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The FIRE BUCKET is published as a forum for its members. Opinions expressed herein do not necessarily reflect those of the Society of Fire Protection Engineers, Central Ohio Chapter, or its Editor.



Society of Fire Protection Engineers Central Ohio Chapter

APPLICATION FOR MEMBERSHIP IN THE CENTRAL OHIO CHAPTER OF SFPE

NEW

RENEWAL

NAME _____

COMPANY _____

ADDRESS _____

PHONE NUMBER _____

FAX NUMBER _____

E-MAIL ADDRESS _____

NOTE: We will be sending out all Chapter information via e-mail.

ARE YOU A NATIONAL MEMBER IN SFPE? YES NO

Annual dues for the Central Ohio Chapter of SFPE are \$20 and \$10 for Retirees. You can pay a single/one time fee and receive ALL five of the regular scheduled chapter meetings and your local membership dues all for ONLY \$98.00. This is a savings for the year of \$22.00. You must pay the full \$98.00 with this membership application or renewal to take advantage of this new program. Membership in the Chapter includes the member fee for meetings, and a subscription to *The Fire Bucket*, our Chapter's Newsletter

PLEASE MAIL APPLICATION TO: John C. Falk, Sr.
Central Ohio Chapter SFPE
5700 Cali Glen
Westerville, OHIO 43082
Jcf_sr@yahoo.com

Please make check payable to *Central Ohio Chapter, SFPE*. Applications can be submitted at the next meeting. Please complete a new application every year, so we can keep our database current. Dues run from September 1st to August 31st of each calendar year.

September 2009 – August 2010



S. F. P. E. GOLF OUTING

Friday ----- JUNE 25, 2010

WILLOW RUN GOLF COURSE
Route 310 & Route 161, Alexandria, OH (740) 927-1932

Golf & 1/2 Cart & Dinner ----- \$ 50.00

Dinner Only ----- \$ 20.00

Pre-payment is requested

Register: 8:30 am Tee off: 9:00 am Lunch: On your own Dinner: 2:30 pm

Dinner includes: Relish tray, salad, 12 oz. N.Y. strip steak, potato, rolls and butter, ice tea, lemonade.
Soft drinks and beer are available in Club House.

Bring a friend, have fun, enjoy the fun and friendship.

All Corporate and individual donations of door prizes are greatly appreciated.
Have your name or your company's name on the OFFICIAL Sponsor LIST

Make reservations by June 18, 2010

Send reservations to: Philip Gentile
12121 Monkey Hollow Road
Sunbury, OH 43074
740-965-1577

E-mail ---- philip.gentile@xlggroup.com

-----Name: _____ Phone No.: _____

Company: _____

Members of foursome: _____

Golf & Dinner: _____ Dinner Only: _____

Door Prize Donation? _____ Total Enclosed _____

Register as a single and we will pair you up to make a foursome at the course.

Reservations must be cancelled within 48 hours, or they will be billed.