

American Society of Certified Engineering Technicians



April 27- May 3, 2014 | Volume 50 Number 18

the **ASCET** INFORMER

A weekly service for our membership where valuable information for the Engineering Technician and Technologist is gathered and distributed on a weekly basis



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ENGINEERING AIDS SEARCH FOR FLIGHT 370

How Do You Search World's Third
Largest Ocean

STATE OF THE MARKET: ACCESS CONTROL

Integrators Have Reason To Celebrate
In The 2014 Access Control Market

FIVE PHASES OF YOUR ROLE AS LEADER

Plan, Organize, Train, Control,
Coordinate, And Facilitate

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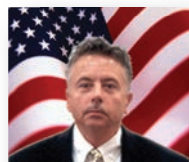
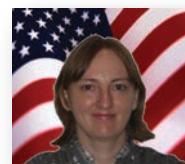
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SOCIETY NEWS

NORTH CENTRAL AND PACIFIC NORTHWEST REGIONS WELCOME NEW VICE PRESIDENTS

The ASCET Board of Directors is proud to announce the appointments of our new North Central Regional Vice President, Casey Fehrmann and Pacific Northwest Vice President Pat Dillon. Regional VP's shall represent the Society in their respective regions, are members of the Executive Committee and the Board of Directors, shall serve as a liaison between members-at-large and chapters in regions they represent and the Executive Committee and may appoint regional or state committees and chairs as needed.



VENDORS OFFERED "EARLY BIRD" RATE WHEN REGISTERING FOR 2014 EXPOSITION



Vendors and organizations that secure a booth at our 2014 Annual Conference and Exposition in Myrtle Beach, South Carolina on November 6, 2014 will get a reduced "Early Bird" rate. Vendor Registration will include the following: Vendor Booth (8'x10'). Table with Covers and Skirts, Chairs, and Single Standard Electrical Socket, Free wifi, Two Tickets to the Thursday Luncheon, Two Tickets for Admission to all Seminars and Quarter Page Ad in the Event Program.

[Click Here](#) to visit our Vendors page.

2014 NFPA CONFERENCE & EXPO



The NFPA Conference & Expo brings to life the products and services needed to meet and maintain compliance with prevailing codes and standards in the design, construction and operation of buildings and facilities of every kind. Visit us at booth 975!



We support and encourage NICET certification



FEATURED ORGANIZATION

FIRE TECH PRODUCTIONS, INCORPORATED



Fire Tech's NICET prep online, self-paced learning system serves as the cornerstone of their training. The learning system has been used by thousands of clients for NICET exam Prep and Continuing Education. Courses are offered for Fire Alarms, Inspection & Testing of Water-Based Systems, Special Hazards, Water-Based Systems Layout, Fire Pumps, Electrical Safety and the International Building Code. Additionally, Fire Tech offers state certification prep courses for Automatic Sprinkler and Standpipe Systems, Fire Service Mains, Fire Pumps, Fire alarm & Detection Equipment, and Portable Extinguishers.

The core of Fire Tech's Learning System lies in teaching the student how to quickly navigate the contents of the NFPA standards in order to pass the NICET and state exams. Fire Tech's proven learning system teaches students how to quickly find answers in the NFPA material through practice and with the use of their Fire Tabs, providing a thorough working knowledge of NFPA standards which can be applied both in an exam room and in the field. The training systems identify commonly referenced areas of the codes and standards, and the Fire Tabs assist in getting to these sections quickly.

Jim Newton conducts Fire Tech's Inspection & Testing Hands-On Workshop in Dayton, OH. Together with Tom Doty, Fire Tech's Lead Inspection & Testing instructor, he guides students through a three-day Inspection and



Testing journey in the Sinclair Community College Sprinkler Lab. A similar Hands-On workshop is offered at one of Fire Tech's partner locations, SPP Pumps, in Atlanta, GA. As state certification boards and NICET revise their exams to include more recent NFPA standards, Fire Tech updates their prep courses in a timely manner to reflect the changes found in the Codes and standards.

Please contact Fire Tech Productions for more information on their many training products and formats, visit www.firetech.com or call 1-937-434-FIRE (3473). Be sure to check out the customer testimonials page - Satisfied returning customers really say it best.

Connect with us:





SPRINKLER

TOLCO™ SEISMIC BRACING & FIRE PROTECTION

TOLCO is a global provider, specializing in highly engineered seismic bracing, pipe hangers and pipe support solutions for the commercial and industrial building infrastructure markets. TOLCO's strong commitment to innovation and labor saving solutions has positioned the company as a leader in engineered solutions for seismic projects, including those that require OSHPD approval.



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FIRST MUNICIPALITY IN ONTARIO REQUIRES SPRINKLERS

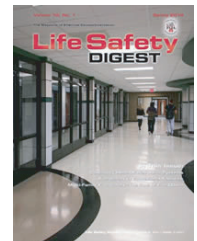


Oh, Canada! The city of Vaughan has mandated home sprinkler installation, making it the first municipality in Ontario to require this protection. Underscoring the importance of this endeavor is another news nugget that there has not been a single fire death in Canadian homes where properly installed sprinklers were present.

[Click Here](#) to view article.

LIFE SAFETY DIGEST, THE MAGAZINE OF FIRE AND LIFE SAFETY SYSTEMS

Life Safety Digest is for professionals who want to learn about Fire Resistance and Smoke Resistant DIIM-Design & Code Compliance, Installation & Construction, Inspection, and Maintenance and include: Building Code Officials, Fire Marshals, Architects/Engineers, Compartmentation Inspectors & Consultants, Building Owners and Managers, Building Engineers, Insurance Professionals, Contractors, Fire Protection Engineers & Students.

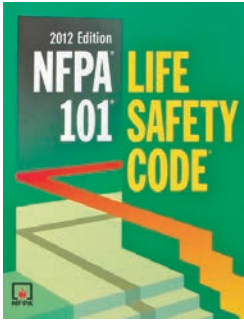


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FIRE ALARM

FIRST THINGS FIRST



Occupants of most buildings are trained to evacuate as soon as fire alarm system occupant notification occurs. In some special-purpose industrial occupancies, however, immediate evacuation by some personnel might not be feasible. For example, an alarm in a chemical manufacturing facility might necessitate an orderly shutdown of equipment, a step that could help avoid creating conditions that present a greater danger to far more people than the fire that resulted in the building evacuation. In other cases, an orderly equipment shutdown might be needed to avoid damage to costly specialized equipment.

[Click Here](#) to view more information.

BRIEF LESSON ON SMOKE ALARMS

Fire and life safety educators are asked to speak at a variety of venues and careful planning can make the difference between an excellent visit and a mediocre one. Review our 10-minute smoke alarm sample lesson; it's perfect for when you are invited to give a brief presentation.

[Click Here](#) to view article.



ABOUT TO START INSTALLING FIRE ALARMS? THEN READ ON...



Bram Stoker wrote: "We learn from failure, not from success!" and for engineers working or entering the fire industry failure can have very serious consequences, not least the loss of life. Changes to legislation, documents such as British Standards and advances in technology have all come about through the desire to prevent the failures of the past, understanding where and how each should be applied is where training comes in.

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CIVIL

ENGINEERING AIDS SEARCH FOR FLIGHT 370

Although the ending has yet to be written, the story of Malaysia Airlines flight MH370 will go down as one of the greatest mysteries in aviation history. More than a month after the jet went missing, a 26-nation team is still scanning a promising patch of Indian Ocean round the clock in search of acoustic pings, visible wreckage, or any other trace. Whatever the public may learn about the circumstances of the disappearance, people are getting a close-up of some of the latest tools of the search-and-rescue trade.



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ANSI PRODUCT ASHRAE JOINS NAHB, ICC TO DEVELOP NEW NATIONAL GREEN BUILDING STANDARD TRAINING WORKSHOPS



The National Association of Home Builders, ASHRAE and the Code Council have agreed to jointly develop the 2015 edition of the ICC/ASHRAE 700 National Green Building Standard. It will be the third edition of the standard and the first time that ASHRAE has partnered on its development. “As one of the nation’s leading societies for building technology, ASHRAE brings years of experience and knowledge to the table, particularly in the areas of indoor environmental quality and energy efficiency,” said ICC Board President Stephen Jones, CBO, and CEO Dominic Sims, CBO, in a joint statement.

[Click Here](#) to view more information.

DEDICATED TO CONCRETE REPAIR

Concrete is a long-lasting, durable material that can last up to 200 years or more when properly maintained and repaired. ACI’s new educational resources and concrete repair code provide guidance on the design, construction, and material selection involved in repairing concrete...



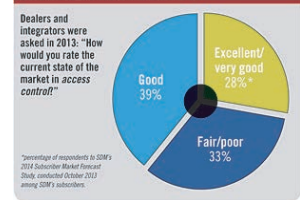
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CCTV / SECURITY

STATE OF THE MARKET: ACCESS CONTROL

Someone once suggested that to get an invitation to a party you really wanted to attend you should offer to contribute something to the party. If the video market's predicted strong year in 2014 is the kind of "party" access control is hoping to attend, then the market has tapped into that principle, contributing a strong argument for security systems that integrate both video and access control.

Integrators' Market Ratings Hit a High Note in 2013



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PELCO IS "BACK" WITH A FOCUS ON IP VIDEO SURVEILLANCE



Working to Regain Momentum in a Changing Market: Most observers agree that Pelco lost momentum in the video surveillance market after the acquisition by Schneider Electric in 2007. Hervé Fages, senior vice president of Schneider Electric's video business, is looking to regain that momentum, guiding the surveillance giant in new directions as the market changes.

[Click Here](#) to view article.

REPORT: MECHANICAL LOCKS TO REMAIN POPULAR WITH END USERS

Despite access control systems increasingly driving the adoption of electronic locking devices, deployment of mechanical locks is not projected to weaken during the next few years, according to IHS. The research firm forecasts mechanical locks to have a positive compound annual growth rate (CAGR) of 3.8% from 2013 to 2017.



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DEVELOPMENT

FIVE PHASES OF YOUR ROLE AS LEADER



The expectation that leadership can be a singular role is unrealistic. We wear a lot of hats. We manage, we motivate, we correct, we monitor, we inspire, we facilitate, we coordinate, we focus, we bark, we growl, we whisper, we articulate, we define, and we execute. Earlier in this series I've written about strategies to implement the vision and the tactics that provide task lists and daily objectives for everyone. This is where the majority of our work will take place.

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LAUGH YOUR WAY TO THE TOP

When do you feel more engaged in your work? Is it when you are going through the motions mechanically, afraid that your next step will be ridiculed? Or is it when you're working on a project you find to be fun and exciting, that allows the freedom to stray a bit from the norm, and if small mistakes are made you have support from your project teammates? When your project team creates a jovial and collaborative atmosphere, team members' egos will take a backseat, allowing everyone to focus on the task at hand with enthusiasm.



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ON BECOMING A MANAGER



Many successful organizations, such as General Electric, 3M and the U.S. Army, have very success mentoring programs. Mentoring programs should begin before the manager assumes a supervisory position, but if not, as soon after as possible. The mentoring need not involve a senior leader; it could involve someone in another department one or two levels above the new manager. The point is to allow a relationship to develop.

Just like CEOs like to club with fellow CEOs, fellow managers need to spend time with their peers, not simply discussing business issues, but also engaging in practical managerial topics about people and systems.

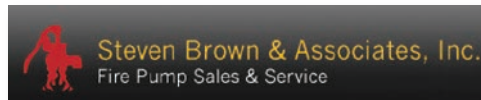
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April 20 - 26, 2014 | the ASCET Informer

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