



Quad Cities Chapter American Society of Safety Engineers

Next Meeting

TOPIC: Process Safety Management
Presenter: Steve Schleicher VP of Pinnacle Engineering & Matt Henry PE Manager of Midwest Operations

When: November 16, 2017 @ noon

Hosted by: Deere & Co Headquarters - MTIC (1 John Deere PL, Moline, IL 61265)

New Members!!

The Quad City Chapter would like to welcome our newest member: Duncan Brown w/ Lyondell Basell.

Welcome!!

If you know of someone who is interested in joining our chapter, refer them to the refer-a-member link on <http://www.asse.org/>

Update Contact Information

Contact Diana Gilbert @ dlg1127@aol.com to up-date your e-mail address to receive the newsletter by e-mail, and emails from ASSE if you are not currently doing so.

We are always looking for input into the newsletter to better serve our members. Please send newsletter contributions to Diana Gilbert.

Check out our new Board of Directors & Chapter Website, we look good

<http://qc.asse.org/>

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WHAT DO
YOU SEE?



FALL PROTECTION LEADS OSHA'S 2017 'TOP 10' LIST OF MOST FREQUENTLY CITED VIOLATIONS

Indianapolis – The preliminary list of OSHA's Top 10 violations for Fiscal Year 2017 remained largely unchanged from [FY 2016](#), except for one new addition: Fall Protection – Training Requirements (1926.503) entered the list at No. 9 with 1,523 violations, just ahead of Electrical – Wiring Methods (1,405 violations). The top five remained identical to the FY 2016 list, with Fall Protection – General Requirements at No. 1 by a wide margin with 6,072 violations. In a distant second was Hazard Communication with 4,176. Patrick Kapust, deputy director of OSHA's Directorate of Enforcement Programs, and Kevin Druley, associate editor for *Safety+Health*, presented the preliminary data for FY 2017, which ended Sept. 30. "One thing I've said before in the past on this is, this list doesn't change too much from year to year. These things are readily fixable," Kapust said during the presentation. "I encourage folks to use this list and look at your own workplace."

The full list:

1. Fall Protection – General Requirements (1926.501): 6,072 violations
2. Hazard Communication (1910.1200): 4,176
3. Scaffolding (1926.451): 3,288
4. Respiratory Protection (1910.134): 3,097
5. Lockout/Tagout (1910.147): 2,877
6. Ladders (1926.1053): 2,241
7. Powered Industrial Trucks (1910.178): 2,162
8. Machine Guarding (1910.212): 1,933
9. Fall Protection – Training Requirements: 1,523
10. Electrical – Wiring Methods (1910.305): 1,405

"The OSHA Top 10 is more than just a list, it is a blueprint for keeping workers safe," NSC President and CEO Deborah A.P. Hersman said in a Sept. 26 press release. "When we all work together to address hazards, we can do the best job possible to ensure employees go home safely each day." Finalized data, along with additional details and exclusive content, will be published in the December issue of *S+H*.

NYC ESTABLISHES SAFETY TRAINING REQUIREMENTS FOR CONSTRUCTION WORKERS

October 4, 2017

New York – The New York City Council, after eight months of bill editing, on Sept. 27 unanimously approved legislation establishing construction safety training requirements and programming.

The bill was introduced in January in response to the high number of construction site deaths in the city – at press time, 40 since 2014, according to a New York Times report. The legislation was changed twice to satisfy stakeholders – including the city's real estate board, independent contractors and immigration officials – who were worried that day laborers would not be able to afford the training. The bill was revised to include \$5 million to help fund their training.

Fines of up to \$25,000 will be levied on sites using untrained workers, and workers can keep working until December 2018 if they have at least 10 hours of training completed by March. Permits for work can be withheld or denied renewal if the employer cannot prove all workers on a project have the required training.

Also included in the legislation, which went into effect immediately:

- Workers must complete between 40 to 55 hours of safety training. The Department of Buildings will control the administration of the hours.
- Workers can satisfy their training requirement with completion of an alternative training program, but only if DOB allows it after comparing it to the bill's established training program.

"Today is a historic moment in the progressive fight for a safer workplace," Gary LaBarbera, president of the Building and Construction Trades Council of Greater New York, said in a press release.

Mayor Bill de Blasio added, "This vote means that New York City hard hats will get the safety training they need for one of our city's most dangerous jobs, and that will help get them home to their families at night and keep construction sites safe for everyone."

safetyandhealthmagazine.com/articles/16249-nyc-establishes-safety-training-requirements-for-construction-workers

The Most Important 2018 Changes in NFPA 70E

By David Weszely

Are you prepared to make the changes in your facility for the 2018 NFPA 70E updates? Electrical equipment & electrical safety devices are constantly being changed & improved, hence why your electrical safety program must address those changes. The NFPA 70E Committee addresses these changes & updates the standard every three years as part of keeping up with current technology & safety concerns. This is a standard used not only by facility managers & safety officers, but also by OSHA inspectors, continually educating them on existing trends in electrical safety. We will go over some of the most important 2018 NFPA 70E updates worth discussing.

1. Are qualified persons required to complete a Job Safety Analysis (JSA) before starting work? Article 110.1 (I)

Article 110.1 (I) states that if the proposed NFPA 2018 changes are implemented, a qualified person will also need to complete a Job Safety Analysis (JSA) before work or troubleshooting is performed. That JSA would require such "qualified person" to:

Identify all tasks associated with the performance of the job; identify all specific hazards with each task; determine the severity & likelihood of unintentional injury for each task; identify what control measures can be used to reduce injuries

2. What should we look for in PPE labels in 2018? Article 130.7 (C)(16)

Article 130.7 (C)(16) addresses PPE conformity. Purchasing the right PPE has always been a challenge for companies or those individuals responsible for making such decisions. To address the issue, the NFPA 70E standard has proposed to utilize the ANSI/ISEA 125-2014 national consensus standard for conformity assessments of safety & personal protective equipment in its 2018 edition. This conformity assessment provides an organized & systematic way for a supplier to verify that a product meets the requirements of a performance standard, communicating verification to the purchaser & user.

The 2018 edition has proposed to add the new article 130.7 (C)(16) PPE conformity assessment. The purpose for the new article is to promote consistency regarding personal protective equipment testing. Three levels of conformity testing can be used by the manufacturer or supplier:

Supplier/ manufacturer makes a self-declaration that the product meets all requirements of the ANSI/ISEA 125-2014 standard performance claims; supplier/ manufacturer makes a self-declaration that product meets standard requirements but must also have a registered 9001 quality management system in place as a protocol for PPE testing under an ISO 17025 accredited testing laboratory; products then must be certified by an ISO 17065 accredited independent third-party certification organization. The testing must comply with such certification organization, & all products must be marked with the certified label.

The conformity assessment would be effective on Jan. 1, 2018. It then means that all personal protective equipment referenced in table 130.7 (C)(14) must comply with the associated reference standard section 9 of ANSI/ISEA 125, with conformity assessment levels 1, 2, or 3 marked on equipment & arc flash clothing labels in its entirety.

3. Arc flash & shock hazard risk assessment now include the "potential of human error." Article 110.1 (H)

This new article explores the "human error concept" added to both job safety analysis & job planning in Annex Q. When filling out a JSA or a job safety plan, a new "human error concept" is to be applied to workplace electrical safety under the concept of a human performance factor. Studies have indicated that human error often is a root cause of incidents, which is why the addition is of high value.

Annex Q addresses the validity of human performance & factors affecting the workplace, electrical safety, & job performance, explaining how high stress, unfamiliar situations, lack of attention, worker fatigue, the surrounding environment, & human nature itself can affect overall human performance in the workplace. Additionally, Annex Q addresses the fact that workers may become too familiar with common tasks & therefore become less observant to the real risk still prevalent in some situations. Such perceived behavior can cause what is commonly called "unintended blindness" &/or insensitivity to the hazards of the job. To address these human characteristics, a "qualified person" will need to be trained in these factors:

Identify possible causes of human error; how human performance can affect job performance; using human performance tools provided in Annex Q; completing a job site review of human performance tools used

As an example, a "qualified person" would need to be able to determine whether each individual assigned a task is capable of completing the task mentally, physically, & emotionally.

4. Electrical safety programs must include a section on how to investigate an incident/accident.

Electrical safety programs are now entailed to include a new section on how to investigate electrical incidents/accidents in a facility. This process, though, must be specific to your organization & must include a root-cause analysis, near-miss reporting, & a follow-up investigation. Ultimately, safety programs need to define which employees should call to report incidents/accidents within the proposed time frame.

Tips & Advice

As the role of the "qualified person" keeps expanding, it is very important to ensure that the electrical safety training electrical workers receive also expands. Online training may often be more convenient but must not be a substitute for high-quality, hands-on, instructor-led training. The 2018 NFPA standard will be in effect as of Aug. 10, 2017, & we want you to stay current with all the changes & additions to all regulations. Here are some steps to get your facility up to date with 2018 NFPA 70E:

Make sure all "qualified workers" have access to the 2018 NFPA 70E standard; ensure your electrical safety program is updated; schedule on-site NFPA 70E electrical safety training.

OSHA CHALLENGE

The latest update to National Fire Protection Association (NFPA) 70E 2018 clarifies terms and modifies definitions to the code, such as replacing the "accidentally contacted" term with:

- A. Incidentally contacted
- B. Minimally contacted
- C. Unintentionally contacted
- D. Inadvertently contacted

HELP WANTED

Safety Manager, Quad Cities <https://www.indeed.com/cmp/LUNDA-CONSTRUCTION-COMPANY/jobs/Safety-Manager-5e5f96c4b28c045c?q=safety>

Safety Coordinator, Davenport, IA
<https://www.indeed.com/viewjob?jk=42e61ac827965ba5&q=safety&l=52803&tk=1bu9dvpue18ka07c&from=web>

EHS Manager, Manchester, IA <https://external-exide.icims.com/jobs/1441/environmental-health-and-safety-manager/job?mode=job&iis=Job%2BBoard%2B-%2B&iisn=Indeed.com&mobile=false&width=1440&height=500&bga=true&needsRedirect=false&jan1offset=-360&jun1offset=-300>

Safety Representative, Golden, IL <https://www.indeed.com/cmp/C&L-Tiling/jobs/Safety-Representative-fed2956455677602?sdu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooigvcZnJjuggPknxbUMR5vDiR8BZSemCJsuPMrPBrAYmdJar4DQ2b9II319ZICwwVlqd>

Safety Coordinator, Blue Island, IL https://www.indeed.com/cmp/IL-CENTRAL-SCHOOL-BUS/jobs/Safety-Coordinator-be1ed5bc2e21b719?sdu=JmVJx9BEeZaAkGIJe7DQINqfRwNouIufg8p6lIPx6kOuBrPVVY5PdCSOu19m_DlrM5XWF1Mr0Q0A-3s618BKC63tDvKedy113_uZHJFBbZ4B8AQM4RHZHZBDbhVOo

LP & Safety Manager, Davenport, IA https://jobs.lowes.com/job/-/1627/5559673?rx_campaign=indeed0&rx_group=102039&rx_job=1257590BR&rx_source=indeed&codes=INDEED

Safety & Wellness Manager, Burlington, IA
<https://workforcenow.adp.com/jobs/apply/posting.html?client=shearers&jobId=77445&source=IN>

Safety Program Manager, Moline, IL <https://www.indeed.com/cmp/Circle-K/jobs/Safety-Specialist-6ab87dbe56a40528?sdu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooigvcZIGTDG58CvQ3FE3V7XpR5puQzOVXAZVkh5WoDhAe9C-mw>

Safety Coop, Goodfield, IL
<https://www.recruitacommunity.com/srctcb/RTI.home?t=56260&r=5000276669010&rb=INDEED>

Safety Area Risk Manager, Cedar Rapids, IA
https://jbhunt.wd5.myworkdayjobs.com/en-US/Careers/job/Cedar-Rapids-IA---Prairie-Val/Safety-Area-Risk-Manager_00237846-2?source=Indeed

EHS Coordinator, Peoria, IL https://www.indeed.com/cmp/Coulter-Companies/jobs/Environmental-Health-Safety-Coordinator-952c1f440cac6952?sdu=QwrRXKrqZ3CNX5W-O9jEvs74-IUvb8tdyvulQMIH87A593o3wQdg3mWHvXn9h4T1saBg_y8JT7Geu_l69FCGpl8JPX8nHMS7nBjQSpY5ixGHn9PqLZLyYfj87A7lIf9

See more job listings like these on the members' only page located at <http://members.asse.org> or <http://qc.asse.org/jobs/>

Virtual Classroom

ANSI/ASSE Z244.1: The Control of Hazardous Energy Lockout, Tagout and Alternative Methods: Contains 3 Component(s), 0.20 credits offered Includes a Live Event on 11/20/2017 at 12:00 PM (EST)

Taking Stock of Behavior-Based Safety: What's Next? Contains 3 Component(s), 0.20 credits offered includes a Live Event on 12/04/2017 at 12:00 PM (EST)

PTD-PREVENTION THROUGH DESIGN

ASSE LearnEx Course

This course is a 3-week fully asynchronous course which includes one module per week. The first module provides foundational understanding of the PtD standard. The second module provides an overview of different risk assessment tools used in the PtD standard. Additionally, Risk Assessment Methods listed in the ANSI Z590.3 standard will be summarized. The final module includes PtD practical applications and case studies. This course includes a complimentary copy of the ANSI Z590.3 standard [Learn More](#)

SeminarFest Registration is Now Open

Taking place Feb.1 - 8 2018, at the Rio in Las Vegas, NV, ASSE's educational philosophy is that learning should be immersive, engaging and relevant to what you're doing in your workplace today. Bring back the newest ideas and approaches within the OSH industry, and emerge as a leader in your organization. [Learn More](#)

In Clarifying Fall Protection Training Issue, OSHA References ANSI/ASSE Z359

In a recent letter of interpretation addressed to the [International Safety Equipment Association \(ISEA\)](#), OSHA has indicated that fall protection trainers who are compliant with [ANSI/ASSE Z359](#) (fall protection/arrest) and [ANSI/ASSE Z490](#) (OSH training) will meet the definition of *qualified* in the agency's [Walking and Working Surfaces](#) rule. To help members better understand the complexities involved in this issue, ASSE has developed an issue analysis that includes links to the OSHA letter of interpretation and a legal opinion on the development from the Law Firm of Adele Abrams. [Download it here.](#)

OSHA Challenge Answer

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**Check us out on our website
 for current updates and
 activities.**

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