



Hudson River Valley Chapter Newsletter

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Useful & Helpful Links

<http://www.assp.org>

Link to the National ASSP webpage for information on great topics in EH&S. Go look things up.

<http://hudsonrivervalley.assp.org>

Link to the Hudson River Valley Chapter web page. Information on the Local items and events as well as good information. Try it, you'll like it!

<https://www.cdc.gov/>

Link to the Center for Disease Control. Great current information on health items to help protect us all through illness controlling and prevention. Lots of good items!

Hotlinks in articles are in **Bold Red font.**

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OSHA Form 300A Deadline March 2, 2020.

Did you know the deadline to electronically submit the Calendar Year 2019 Summary of Work-Related Injuries and Illnesses (A.K.A. OSHA Form 300A) is March 2, 2020? Data collection actually began on January 2, 2020. The collection of CY 2019 data and beyond will include the collection of establishments' Employer Identification Numbers (EIN). If you submit your data using a csv file or API, you can view the new layout by selecting the "How" tab using the link provided here:

<https://www.osha.gov/injuryreporting/>

Remember, not all establishments need to submit their OSHA 300A Data. Please review which establishments need to provide their data electronically as follows; Only a small fraction of establishments are required to electronically submit their Form 300A data to OSHA. Establishments that meet any of the following criteria DO NOT have to send their information to us. Remember, these criteria apply at the establishment level, not to the firm as a whole.

The establishment's peak employment during the previous calendar year was 19 or fewer, regardless of the establishment's industry.

The establishment's industry is on this list, regardless of the size of the establishment.

The establishment had a peak employment between 20 and 249 employees during the previous calendar year AND the establishment's industry is not on this list. Here is the link to the list:

<https://www.osha.gov/recordkeeping/NAICScodesforelectronicsubmission.html>

Chapter PDC 2020 Planning Committee Formed.

The 2020 Chapter PDC Planning Committee has been formed at the February 20th meeting. This committee is charged with making all plans and completing the tasks necessary to present the PDC for our chapter. These tasks include obtaining speakers, planning the educational sessions, obtaining vendors to show their products to our attendees. If you would like to volunteer to assist this committee please contact me as chapter secretary, and I will pass your name and what you are interested in helping with to the committee Chairperson. Your help is requested from food services to vendor table set up. It would be greatly appreciated.

Joint Meeting Presentations on March 11, 2020 and Registration.

All members are reminded that we are having a joint meeting on March 11, 2020 with the Safety and Health Council of the Hudson Valley. It will be held at the Arconic Company facility located at 1 Corporate Drive, Kingston, NY from 1:00 PM to 4:00 PM. There will be two FREE presentations given in this time period.

Those presentations will be as follows:

1 – Foundations for Safety Leadership. Presented by Mr. Mark Drozdov, Sr. Principle Consultant, Subject Matter Expert.

Mr. Drozdov is a Principle Instructor and Adjunct Professor for Cooper Union University, Columbia University, CUNY/City and Hunter Colleges, and Stevens Institute of Technology. He served as Graduate Curriculum Development Director for Polytechnic University/NYU and as Industrial Hygiene Safety Consultant for the Long Island Occupational Environmental Health Center at Stony Brook University.

2 – Creating Engagement and Safety Ownership. Presented by Ms. Joyce Schroeder, President of Flourishing Culture Consultants, LLC.

Ms. Schroeder, MS, is an organizational change consultant with extensive experience working in the safety culture arena. Committed to lifetime learning and honing her craft, she trained as a corporate coach, got her Master's Degree in Organizational Development and Leadership and is a Certified Positive Psychology Practitioner.

These promise to be valuable and interesting presentations. You can register by using this email link:

<mailto:SCHV.Registration@yahoo.com>

Three Steps to Control Hazardous Energy in Construction/Demolition.

Do you know the construction industry accounted for 21% of all the workplace fatalities in calendar year 2018? More than 8 per cent of those were caused by electrocution. Of all the risks and hazards that exist in construction and demolition work, hazardous energy is one that often gets overlooked. Hazardous energy sources in these environments can be wide and varied, including electrical conductors, power tools, pipelines, conveyor belts, and rotating shafts.

According to Mr. Michael Serpe, CSP, Chairperson of the ANSI/ASSP A10.44 subcommittee, what is different about these types of hazardous energy sources is that they present a different and special type of hazard that is particular to construction and demolition. These energy sources are present in the work environment, but they may not be energy sources controlling the equipment or directly involved in the construction company's work activities.

If your workforce is involved in construction and demolition operations, keeping these three points in mind can help you protect them from exposure to hazardous energy.

1 - Plan Ahead:

In many cases the hazardous energy sources on construction and demolition sites are not directly related to the work being performed. That's why preplanning is crucial to identify any hazardous energy sources present at the site before work begins so that they can be properly mitigated.

Preplanning must involve broad thinking about the energies at the site. Construction companies may not want to take the time to do effective preplanning for areas involving hazardous energy, but if they don't, a Serious incident can occur.

Three Steps to Control Hazardous Energy in Construction/Demolition (cont.).

Hazardous energy sources that may be on or around the job site include overhead power lines or underground utilities that are near the construction work being performed. Concrete-encased electrical duct banks can be struck by construction excavation activities and may also be located within buildings scheduled for demolition. The dynamic nature of construction also presents a challenge that preplanning can help overcome.

Major activities are undertaken that may not have occurred previously at a particular site and may never occur again at the same location. That in itself necessitates the need for a methodical and systematic approach to all construction activities where workers may be exposed to unexpected energy.

2 – Establish Control Procedures:

Once you've identified the types of hazardous energy present, you should focus on implementing the proper energy isolation controls.

The next big element is establishing energy control procedures for the construction machines and equipment that will be used for the project. This includes having locks, tags and specific lockout hardware needed to correctly deenergize equipment. These items should be obtained during the planning phase of the project. In addition to the hazardous energy sources that exist in and around the job site, contractors will use various energy sources, such as temporary power, throughout the project. In such cases, the use of ground fault circuit interrupters (GFCIs), which will cut power in the event that the energized equipment connected to it, has a short circuit. While GFCIs are not allowed to be used for energy isolation, they can supplement recognized energy control procedures, such as locking out circuit breakers and safely removing fuses. Regardless of the source of hazardous energy, it's important to remember that the steps of energy isolation must proceed in a systematic and logical sequence. Furthermore, hazardous energy control should include verification procedures to ensure that equipment has been properly deenergized and isolated. Approximately 10% of lockout incidents are due to failure to verify that a piece has been properly deenergized after an attempt to lockout that equipment.

The recently updated ANSI/ASSP A10.44-2020 standard provides a framework for the sequential steps of hazardous energy isolation and can aid construction companies in developing their own energy control procedures.

3 – Educate Your Workers:

After you've identified sources of hazardous energy and determined which control measures will be used, you must ensure your workforce understands the risks associated with those hazards and how they can safely perform their duties on a project.

Construction employees may not recognize the dangers of electrocution, which can occur if their bodies, equipment, tools, work materials or vehicles come near an overhead power line. Workers involved with equipment should be trained to recognize the energy types in the equipment, the magnitude of that energy, and the means and methods that must be used to control that energy.

For instance, workers who operate on hydraulic pressurized systems or pressurized hydraulic lines should know that if those systems are not properly deenergized, pressurized fluid may get injected into someone's skin. In the event of such an incident, workers must know to seek immediate medical attention because such an injury could lead to amputation of a limb.

This training could involve elements such as toolbox talks or other focused hands-on or classroom training where hazards are communicated to workers along with detailed discussion of procedures and precautions. Furthermore, you must plan for adequate supervision to verify that the training was effective and that workers are applying the skills and knowledge they learned in the field.

It's important to remember that workers may encounter hazardous energy in situations beyond construction or demolition activities, such as during installation or adjusting activities, inspection operations, cleaning operations and servicing and maintenance. Therefore, all involved must be diligent about understanding the hazards present and ensuring that equipment is properly deenergized.

Three Steps to Control Hazardous Energy in Construction/Demolition (cont.).

These steps can help construction and demolition companies plan properly, develop and implement procedures to protect construction and demolition workers from hazardous energy sources.

If companies have an energy control program that is implemented as an integral part of any work performed, it is much more likely that hazardous energy will be identified ahead of time and provisions put in place to prevent incidents.

Our Next Scheduled Chapter Meetings and Locations.

All chapter members and friends are invited to attend the next scheduled ASSP Hudson River Valley Chapter meeting which is a joint meeting as presented with more details on page 2 of this newsletter on March 11, 2020 in the Arconic Company facilities at 1 Corporate Drive, Kingston, NY, with guest speaker presentations from 1:00 PM to 4:00 PM. You can use any GPS device, or mapping program app to get directions from your location to the meeting facility. See you there!

Future Chapter Meetings and Events are:

March 29, 2020 – Outreach Initiative – Tri State Engineering Expo located in White Plains High School 11:00AM to 3:30 PM. More information will be sent to membership who may be interested in volunteering to man a table at this event.

April 15, 2020 – A Joint Meeting with NYSPE at Rockland County Training Center, location is 35 Firemen’s Memorial Drive, Pomona, NY. Speaker is Glen Kramer of KB Sales – Fall Protection. Note to Board Members attending this meeting – we will tour this facility after the meeting for our coming October 2020 PDC planning purposes. *Note this meeting time is 8:00 AM to 11:00 AM.*

May TBD – Technical Meeting with the Federal Health and Safety Council. The planned topic is “Mental Health Awareness in the Construction Industry. More information will be sent when it becomes available.

June TBD – End of year meeting and TOUR of The Culinary Institute of American in Dutchess County, NY. More information will be sent when it becomes available.

Remember – Hudson River Valley 2020 PDC is October 23, 2020 at the Rockland County Training Center. Volunteers are being solicited now to serve on the committee.