Welcome!

This is the fourth issue of the UC San Diego Safety Trainer Newsletter for 2013. I hope you’ve found it to be useful for you in conducting your Outreach training classes. I haven’t heard many comments from our audience, but recently Valerie Andrews, one of our more recent Outreach-authorized trainers, sent me this comment:

“Dear Mr. Gribow,
I am a new construction outreach trainer that received my authorization at the end of January this year. I have recently completed the first day of my very first 10 & 30 hour classes. As someone new I wanted to let you know how informative and valuable the trainer newsletter was to me. I was able to get links to download the power points for Intro to Cal/OSHA, and 10 hour construction presentations that contained lesson plans. It was so helpful in putting together my materials and presentation. The tip for using word search and crossword puzzles was a wonderful addition to add for my first classes. Thank you for providing such awesome training and support for UCSD OTI trainers and students!”

Feedback like this helps us know we’re providing a service that’s seen as valuable by some of our Outreach trainers. We hope most of you find it useful!

If Outreach trainers have a question, or would like to tell us about a particular training technique or training material source, please email us at oshatraining@ucsd.edu.

-Harold Gribow, Executive Editor

Outreach Trainers, Don’t Forget:
The New Outreach Reporting Tool Launched on June 1, 2013

Learn More

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September & October Refresher Courses

- San Diego: OSHA 502—Construction, Sept 16-18
- San Diego: OSHA 5029—Cal/OSHA Construction, Sept 19
- Phoenix: OSHA 502—Construction, Sept 23-25
- San Diego: OSHA 5039—Cal/OSHA General Industry, Sept 26
- Las Vegas: OSHA 502—Construction, Oct 7-9
- San Diego: OSHA 5402—Maritime, Oct 21-23
Outreach Trainer Spotlight – Mark Behrens

Editor: Please tell us a little about yourself and your business.
Mark: I’m blessed to be a husband and a father. I’ve been in safety and health field for 30 years. I started out with the sugar industry and have since worked in all different industries from construction to general industry both public and private. My current position as Director of Safety, Security, and Emergency Preparedness for the Hawaii Department of Education is the most satisfying and fulfilling of my whole career. Unlike most employers we don’t have the luxury of only being concerned with worker safety but we must also ensure student safety.

Editor: What is your main audience for Outreach classes?
Mark: By far teachers especially vocational and science but a good number of facility maintenance personnel as well.

Editor: Do you do 10 or 30 hour classes or both?
Mark: I do the 10 hour occasionally but more often I get our teachers to become authorized 10 hour instructors and this way they can issue cards to our students. This helps ensure a safe classroom as well as a safer future work force. I do this by conducting OSHA 511 and 501 training during the summer months or during the school breaks.

UCSD OTIEC’s Honor Roll

The following trainers have taught the most students in 2013:
- Mark Anders
  Riverside, CA
- Adrian Estes
  Tucson, AZ
- Roderick McDonald
  San Diego, CA
- Charles Richardson
  Las Vegas, NV
- Nasir Arshad
  APO, AE
- Robert MacIntyre
  Gilbert, AZ
- Fred Hoppe
  Riverside, CA
- Guadalupe Salazar
  Las Vegas, NV
- Ronald Applegate
  Reno, NV
- Karl Semler
  Yuma, AZ

More PowerPoint Assistance

Since PowerPoint seems to be ubiquitous in our training business, and many of us don’t realize just how powerful a tool it is, I thought I’d list a few places where a trainer can go for help.

The first place to look is in the PowerPoint program itself. If you open the program and then click on the “Help” button, you’ll find a topic listed as “Getting Started with PowerPoint”. Click on that and it will open a website with such topics as “PowerPoint Basics Tutorial” and “Ask the PowerPoint Community”. If you’re looking for more, try this website.

Finally, search on Google for PowerPoint templates, PowerPoint themes, and this site will help you avoid “Death by PowerPoint,” which is a trap we often find ourselves in.
**Construction**  by Jeff Beeler

New Confined Space Regulations for Construction

Be prepared, there is a new confined space regulation coming soon. In fact, the final rule is set for July 2013. This is not a revision of the Permit-Required Confined Space regulations that would be found in 1910.146 and used in General Industry. This one is for the Construction Industry. OSHA has been working on this since 2007 and has put it on the Unified Agenda for this year. Presently the few regulation items for confined spaces in construction are found in 1926.21. The new regulations will be listed as 1926.1200 AA.

There are some similarities to the existing Permit-Required Confined Space regulation in 1910.146 but there are also some changes in terminology and procedures.

OSHA starts with breaking hazards down into two categories - Inherent and Induced. Inherent hazards are those that are created by the space and its normal operations. That may include electricity, engulfment or mechanical. Induced hazards are those that are worked caused and may include atmospheric or falls.

There are going to be four classifications of confined space in the new regulations. They will be based on the hazards and what caused them. First there is the Permit-Required Confined Space just like in General Industry. The second one is the “Isolation-Hazard Confined Space” which is very similar to the “Reclassification” found in 1910.146(c)(7). The third is “Controlled-Atmosphere Confined Space” which is very similar to an “Alternate Entry” found in 1910.146(c)(5). Lastly, we have a new classification called the Continuous System Permit-Required Confined Space.

UCSD/OSHA Training Institute Ed Center is developing a new curriculum based on this new regulation and will be available later this year. For more information go to the Federal Register for the Proposed Regulation at the OSHA web site by [clicking here](http://www.osha.gov).

**General Industry**  by Harold Gribow

Recent and Upcoming Changes to CFR 1910


Don’t Forget!

Hazard Communication: Workers must be trained by Dec. 1, 2013

Formerly, the Life Safety Code referenced was NFPA 101-2000 and the International Fire Code was not referenced at all.

OSHA’s Revisions to Subparts D and I are to be final in August 2013 according to the Fall 2012 Unified Agenda, which is the most recent Agenda listed on RegInfo.gov.

This revision will accomplish the following goals, as stated on the OSHA.gov website:

- Subpart D would be reorganized in a clear, logical manner, thereby facilitating compliance and enhancing employee protection.
- The proposed rule would eliminate duplication and extensive specification of requirements, while emphasizing performance-based criteria; for example, the proposal would incorporate the construction scaffolding standards, which would eliminate the need for most scaffold specifications in general industry.
- A new section would be added to subpart I that provides criteria for fall protection equipment. This new section would make the general industry standards consistent with existing construction and maritime standards regulating fall protection, as well as current industry practice, and give clear standards on fall protection PPE to employers.
- Compliance flexibility would be provided for the mitigation of fall hazards; for example, proposed subpart D would require fall protection, but would provide options for compliance such as travel restraint systems and designated areas for fall protection when appropriate. Subpart I would provide criteria on the proper use of personal fall protection systems when used by the employer.

osha.ucsd.edu/newsletter  ●  oshatraining@ucsd.edu
Recent Happenings in the Maritime Industry

Hazard Communication / Hazardous Materials is an elective topic in all Maritime Outreach Programs (#7615, #7617, #7618, #7635, #7637, & #7638). While we endeavor to meet the December 1, 2013 deadline of GHS Hazard Communication training, there is another issue that concerns us in these environments…Hexavalent Chromium [Cr(VI)]. Hexavalent Chromium is a serious issue in 29 CFR 1915 Subpart B "Confined & Enclosed Spaces & Other Dangerous Atmospheres in Shipyard Employment", it is also a concern in 29 CFR 1915 Subpart D "Welding, Cutting & Heating", and 29 CFR 1917.152 "Welding, Cutting & Heating (Hot Work)". OSHA® has prepared several publications on this issue available on their web site by clicking here.

A fire occurred aboard the aircraft carrier USS Nimitz (CVN 68) in the ship's electrical equipment while the ship was underway in the Indian Ocean within U.S. 7th Fleet's operating area June 7. The significance of this is that an assessment team, led by Puget Sound Naval Shipyard from Bremerton, Washington, is en route and will further evaluate the damage. This means that folks involved with ship repair activities will find themselves working aboard a vessel while it is underway…a common situation with those who choose to work aboard U.S. Navy vessels. This is a fact we must not overlook when introducing employees to this work environment…most appropriately in their 10-Hour Outreach training.

The Carnival Triumph cruise ship experienced fire in the engine room in February 2013 and is now returning to service (as of June 13, 2013) following thousands of man-hours and $115 Million to improve and upgrade the vessel. On April 17, 2013 Carnival Cruise Lines announced a $300 Million fleet-wide schedule to expand the availability of hotel services for the comfort and safety of its passengers. The major innovations aboard Carnival Triumph include:

- In order to avoid any future fire onboard, upgrades to the latest, most technologically advanced fire suppression systems.
- A second emergency back-up generator on every cruise vessel to effectively power key hotel systems including toilets, lifts and food service equipment in the event of a loss of main power.
- Reconfiguration of key systems to provide redundancy in propulsion and main power supplies.

Yet another success for the ship repair industry.

Cal/OSHA by John Sterritt

Update to Cal/OSHA 5119 General Industry Course

It’s an exciting time in California. A team of UCSD OSHA Training Institute Education Center (UCSD OTIEC) instructors working from both industry and Cal/OSHA has been diligently working to update the popular joint OTI-Cal/OSHA program. The Cal/OSHA Outreach Trainer Program helps to train 95% of the California workforce subject to Cal/OSHA safety and health standards and regulations, which, in many cases, are more stringent than their federal counterparts. The innovative training opportunity builds upon the existing Federal OTI Training programs. Since the programs inception in 2008, course content has been modified to reflect regulatory and industry changes as significant changes have occurred. In the spirit of continuous improvement, the entire program is currently being reviewed and updated. In recent years, there has been significant activity related to numerous Cal/OSHA requirements, to include:

- Heat illness prevention
- Hazard communication
- Cal/OSHA penalties and citations
- Hospital and healthcare worker’s injury prevention
- Highly hazardous chemical safety (i.e. Hexavalent Chromium)

In addition, existing programs like Confined Space Entry, Cal/OSHA partnership and Cal/OSHA E-tools have seen substantial activity and changes in these programs will be reflected in the updated course content.

The four-day course (OSHA 5119) and one day refresher (OSHA 5039) will be reengineered to reflect changes in OTI curriculum development and instructional delivery, as well as the current regulatory updates. Once the UCSD team completes the updates, the material will be sent to Cal/OSHA staff for a comprehensive content evaluation and quality control review. The current plan is for the updated course to be released in the fall of 2013. Instructors teaching the course in the interim can contact John Sterritt, Cal/OSHA General Industry Course Chair, for updated content and direction.

For information or support related to the program or to share suggested improvements, please contact John Sterritt at oshatraining@ucsd.edu.
International by Jeff Beeler

26th Annual WSO International Environmental & Occupational Safety & Health Professional Development Symposium to be held in conjunction with the University of California, San Diego (UCSD), International Safety Education Institute (ISEI)

We are happy to announce that plans for the World Safety Organization’s 26th Annual International Environmental & Occupational Safety & Health Professional Development Symposium are moving along well. We hope to see many of you there this year. It is a great opportunity to meet safety professionals from all over the world to share experience and information. There will be some excellent presentations this year, all being held at the Mission Valley Extension Campus of the University of California, San Diego/International Safety Education Institute. It’s a short distance from the host hotel and bus transportation will be available. For more information about registration, please see: www.worldsafety.org/pages/conference

A new event this year will be the pre-symposium reception at the host hotel on Sunday evening, September 8th. This event will be hosted by the American Safety Council and will feature appetizers and a no-host bar. It will be a good opportunity to meet with symposium attendees prior to the event.

The University of California, San Diego Extension International Safety Education Institute (ISEI) will be your host for the symposium and we hope your stay in our beautiful city will be enjoyable and the symposium educational. As your host we would like to invite you to stay and attend one of our courses being offered during the week following the symposium. We are offering a 10% discount for any registered symposium attendees. The courses offered that week include the OSHA #502 “Trainer Update- Construction Industry”, UCSD 4000 “Safety Inspection Techniques”, and the OSHA 2015 “Hazardous Materials”.

To register for these classes and receive the discounts, please call (800) 358-9206 or email oshatraining@ucsd.edu.

Outreach Program

The Latest News on the Outreach Reporting Tool
The UCSD OTI EC Online Reporting Tool is fully operational as of June 1, 2013. All trainers are now required to submit cards via the new system. The old method of submitting reports is now discontinued. The feedback regarding the system continues to be extremely positive from trainers that are actively using the system.

Additionally, all responsibilities for OSHA Outreach are now maintained at our central office and no longer at our Mission Valley Extension site. We are working towards creating an environment that enables our trainers to receive prompt and timely service with all of their training needs. As a result, we hired two new employees to join our department to oversee the processing of all OSHA cards. Sonja Lima and Alicia Curtin are the new OSHA outreach coordinators that are here on a daily basis to work with our trainers regarding outreach.

If you have not attended the training to utilize the new system, please fill out the Outreach Reporting Tool Mandatory Training PDF. The new site is a valuable tool for UCSD OSHA trainers. It enables the trainers to have a maintained database of all students along with their contact information. This information is essential when communicating or marketing courses to future students or employees. Moreover, the new Online Reporting Tool also tracks individual students and their corresponding card numbers. The new system streamlines the processing of all cards. Our recent statistics show that our department is now processing and sending out all OSHA cards within 3 days or less at a rate of 99.8%. It is our goal to get the cards processed efficiently so that trainers can disseminate the cards to their students as soon as possible. No more delays in receiving cards!

Looking ahead, we are launching the second version of the Online Reporting Tool in early August. We made a few cosmetic changes and have improved the student roster page so that trainers will have the option of including the address and contact information for their students. Many trainers requested that the online system had the capability of maintaining the student addresses as well. We agreed, and have programmed this into the new version. We will also be offering the option to receive your cards laminated. We are excited to continue moving forward to make UCSD the best OTI to be affiliated with, and will continue to strive to be the gold standard in OSHA Outreach.

osha.ucsd.edu/newsletter ● oshatraining@ucsd.edu
The UCSD OTIEC is part of UC San Diego Extension, which has served as a premier source of lifelong learning for adults seeking professional and personal growth for nearly five decades. Currently, Extension educates over 22,000 professionals annually in more than 4,600 courses and over 80 certificate programs including the multi-track Professional Certificate in Occupational Safety and Health. The UCSD OTIEC has consistently provided quality, innovative and cutting edge occupational safety and health construction and general industry standards based education and training since 1992 when it was chosen as one of the original four OSHA Training Institute Education Centers. In addition to the U.S. Department of Labor OTIEC courses, Extension has a long history of providing courses in safety and health management and training, hazardous waste management and emergency preparedness.

For a full list of Trainer Courses visit osha.ucsd.edu

Maritime Trainer Resources
- OSHA Outreach Training Program Maritime Industry Procedures
- OSHA Examining Fatal Shipyard Accidents Videos
- National Maritime Safety Association (NMSA) Resources
- Shipbuilders Council of America (SCA) Safety Resources
- CPL 02-00-142 – Shipyard Employment "Tool Bag" Directive
- CPL 02-00-154 - Longshoring and Marine Terminals "Tool Shed" Directive
- CPL 02-00-151 - 29 CFR Part 1910, Subpart T – Commercial Diving Operations
- CPL 02-01-047 - OSHA Authority Over Vessels and Facilities on or Adjacent to U.S. Navigable Waters and the Outer Continental Shelf (OCS)
- CPL 02-01-051 - 29 CFR Part 1915, Subpart B, Confined and Enclosed Spaces and Other Dangerous Atmospheres in Shipyard Employment
- CPL 03-00-012 - OSHA’s National Emphasis Program (NEP) on Shipbreaking

General Industry Trainer Resources
- OSHA Outreach Program General Industry Procedures and Materials

Construction Trainer Resources
- OSHA Outreach Program Construction Industry Procedures and Materials

For a full list of Trainer Resources visit osha.ucsd.edu

Trainer Resources
- OSHA Outreach Program Requirements
- Intro to OSHA Module Teaching Aids
- Managing Safety & Health
- Most Frequently Cited Standards
- OSHA 10- & 30-hour PowerPoint Slides
- OSHA Videos and Presentations
- Resource Center Loan Program
- PowerPoint Slides in Spanish
- OSHA Hazard Communication page with GHS Updates
- OSHA State Plans webpage

Construction Trainer Resources
- OSHA Outreach Program Construction Industry Procedures and Materials

For a full list of Trainer Courses visit osha.ucsd.edu