



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Utah Chapter

February 2020 Newsletter

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MESSAGE FROM THE BOARD

It's that time of year everyone. Yes, the flu season is upon us. From personal experience, I can say that the 2109/2020 flu season has been especially harsh. But the bigger picture puts it in a more objective light. This flu season, there have been 8,200 deaths including 54 pediatric deaths in United States alone. So lets review a few simple precautions we should take to avoid getting or giving the flu, beyond getting your flu shot.

- To help prevent spreading the flu, wash your hands frequently and vigorously for 15 to 20 seconds with warm water and soap.
- If you show symptoms of the flu, see a doctor within the first 24 to 48 hours.
- To avoid passing it on to others in your workplace, anyone who tests positive for the flu should remain home from work for 4 to 5 days.

Thanks, and be well.

Sarah Galvez
Secretary, Utah Chapter

Editor's note: Thank you Sarah for contributing this succinct reminder about public health. We wish you a swift recovery.

Ed Henkels, Newsletter Editor

Regional news and other items

Mitt Romney to speak at the Utah ASSP fundraiser on 2/20

We're very pleased to announce that US Senator Mitt Romney has agreed to speak at our annual Fundraiser on 2/20.

This event features a catered dinner and silent auction, with proceeds going to the chapter's fund for education and scholarships.

Dinner includes spaghetti, salad and bread sticks from the Olive Garden restaurant on 10540 S State.

We are asking all members to contribute 1 item to the silent auction and bid on at least 1 item -even if you cannot attend.

Contact Doug Handy at 801-391-3337, or douglas.handy@libertymutual.com

In the last 4 years, we've had fun and excitement while raising over \$2,600/yr. Our goal for 2020 is more fun, and to exceed \$3,500.

Plus, this year you can hear Mitt Romney speak in person!

RSVP:

<https://utah.assp.org/events/2020-dinner-and-silent-auction-scholarship-fundraiser/>

Technical Article: Prevention through Design

To the average safety professional, addressing risk during the design phase of a project is intuitively the right thing to do. Taking that understanding from concept to effective and consistent implementation can be problematic. In the November 2019 issue of the Professional Safety Journal (PSJ), an article entitled "Moving Risk Assessment Upstream to the Design Phase" (Bruce K. Lyon, David L. Walline, and Georgi Popov) provides insight into the prevention through design (PTD) process and fosters ideas for implementation. Whether you are looking to improve your current PTD

program or are interested in establishing a new one, this article is a helpful starting point. Manuele states that “over time, the level of safety achieved will relate directly to whether acceptable risk levels are achieved or not achieved in the design and redesign processes.”

According to the authors, safety professional involvement during the design phase is marginal because - in most cases - the safety professional is dedicated to the operational phase of business. To illustrate this point, they used surveillance data obtained from students during PTD training courses. Notwithstanding the selection bias, the results seemed to confirm the above-mentioned conclusion – that our time spent addressing risk during the design phase is small compared to the time spent in operations. Additionally, a review of job postings seemed to demonstrate that in general, hiring managers are not expecting safety personnel to address risk during the design phase.

I have found that it can take an extra effort to become involved in the design review process in cases where a strong PTD program hasn't been implemented. Doing so is sometimes considered above and beyond the basic requirements of the job. However, if Manuele's statement is to be believed, the safety professional's involvement in the design phase is more than a critical component to injury prevention.

Barriers to PTD are listed. Organizational structures, listed as traditional barriers, can inherently oppose PTD efforts. The engineering, procurement, production, and maintenance departments are often siloed in their functions and goals. Other barriers include training, turf, and time. Unless safety professionals actively insert themselves into the process, their input is likely inconsistently requested.

The article indicates that safety reviews and input should be provided in each phase of design. This includes the concept, preliminary, and detailed design. Additionally, the implementation, operational, and decommissioning phases require input. As stated in the article, “Throughout the life cycle of the system, exposure to hazards can cause harm to people, assets, or the environment.”

One of the things that I have seen be effective is the involvement of operations and maintenance support staff in the design review. Maintenance groups have a knack for identifying improvements that allow for better access to critical maintenance equipment, thus improving the safety of routine maintenance work. Operations personnel similarly have the capability to remove obstacles and risks based on experience with previous operations.

Risk or safety personnel provide a framework for addressing hazards based on the hierarchy of controls. The PTD team should consist of cross-functional employees.

The article lists 10 steps for effective implementation of PTD concepts based upon a real-life success story and in accordance with ANSI/ASSP Z590.3. For details, reference page 31 of the November 2019 issue of PSJ. As an overview, the ten steps are listed here:

- Step 1: Plan & Prepare
- Step 2: Form Team
- Step 3: Establish Parameters
- Step 4: Analyze Data
- Step 5: Develop Design Checklist
- Step 6: Use of Higher Level Controls
- Step 7: Establish and Implement Process
- Step 8: Document & Communicate Results
- Step 9: Monitor & Refine
- Step 10: Communicate

I agree with the conclusion of the article that “risk assessment and safety in design must be at the forefront of the OSH professional domain.” In many cases, the safety hazards we are obligated to manage in a production environment could have been addressed more effectively during the design phase.

Thank you to Trevor Hinckley, Treasurer, Utah Chapter ASSP, for contributing this article.

Treasurer's Report

Utah Chapter American Society of Safety Professionals

October – December 2019

Beginning Balance	\$18,912.65
Cash Receipts	
Chapter Dues	\$1,480.00
Savings Account Interest	\$.06

Cash Disbursements	
Chapter Meetings	\$531.63
Chapter Officer Travel (ROC)	\$1,308.89
Ending Balance	\$18,552.19

UPCOMING EVENTS

February Chapter Meeting & Silent Auction Fundraiser

Thursday, February 20, 5:30pm to 8:30pm

WCF Insurance

100 West Towne Ridge Parkway, Sandy, Utah, 84070

<https://utah.assp.org/events/2020-dinner-and-silent-auction-scholarship-fundraiser/>

Utah Safety Conference and Expo

Wednesday & Thursday, February 19 & 20, 7am -5pm

Mountain America Expo Center

9575 South State Street

Sandy, UT 84070

<https://www.utahsafetycouncil.org/content/Default.aspx>

CAREER OPPORTUNITIES

WCF has 2 positions open for consultants.

One in St. George, UT. Here is the link:

<https://wcfgroup.applicantpro.com/jobs/1310506.html>

One in Denver, Colorado

Send resume to: dhigley@wcf.com



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