



## St. Louis Chapter Newsletter August 2019



### **Next Meeting**

**Monday, August 12**

#### **Joint Meeting with AIHA**

Speaker Kerry Goyette presents a new perspective on safety and the behaviors that it affects. She will provide data driven solutions to help your team to be safer and more engaged

#### **Location:**

Syberg's Restaurant  
2430 Old Dorsett Rd  
Maryland Heights, MO 63043

#### **Time:**

11:30am Registration &  
Networking  
12:00pm Lunch, Chapter Business  
& Presentation

[Register](#)

### **Coming Up**

**Safe & Sound Week – August 12-18** [Info](#)

#### **Monday, September 9<sup>th</sup> – Business Tour**

Join us for a tour of Watlow Electric Manufacturing Co., a family-owned company that designs and manufactures industrial electric heaters, sensors, and controllers. 11:00 am Business Meeting, 11:30 Lunch, 12:00 tour of the Advanced Technology Center. [Register](#)

#### **Monday, October 14<sup>th</sup> – Lunch Meeting**

Speaker Chris Archer of Archer & Lassa LLC. will provide us with the latest information in the legal circles that affect worker's compensation.

#### **Thursday, October 16<sup>th</sup> – Safety & Health Conference**

Presented by the Safety Council of Greater St. Louis in partnership with Saint Louis University and OSHA, one of the premier Environmental, Health, and Safety events for professionals in the area. [Register](#)

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### **WISH Networking Event Photo**



# Personal Protective Equipment Traps

by William Kincaid, P.E., CSP, CET

Lockton Companies of St. Louis

Taking a stroll through the recent ASSP Safety 2019 exhibitors' area, a person from outside our profession would get the impression the safety world revolves around hardhats, Hi-Viz clothing, safety glasses, fall protection gizmos, and, most of all, gloves. PPE under OSHA's definition includes conventional items like safety glasses, specialized gear such as metal mesh gloves for meat cutters, and other interesting inclusions like sunscreen lotions, and it was all on display. Maybe the safety world loves the PPE stuff. I know a lot of it was sold at Safety 2019. PPE has its uses, not saying it doesn't, but there are some pitfalls we should discuss.

1

The first pitfall comes from my former employer, OSHA, an organization for which I will always have respect, loyalty, nostalgia and an overriding sense that we safety people need to stick together to avoid making it too easy for them or they will get us.

Here's a PPE pitfall: OSHA requires a written "Certification of Hazard Assessment". It's a very simple document.

1910.132(d)(2) The employer shall verify that the required workplace hazard assessment has been performed through a written certification that identifies the workplace evaluated; the person certifying that the evaluation has been performed; the date(s) of the hazard assessment; and, which identifies the document as a certification of hazard assessment.

The purpose is simply to document that an assessment was done. A lot of companies don't have this document. They get citations. Note it does NOT say this

certification has to list all the PPE required after the assessment is done, where it's required, etc. Nope, just a piece of paper that says "Certification of Hazard Assessment" that lists the workplace evaluated, the person who certifies the assessment was completed, and the date.

Very brief, and saying nothing other than, yep, we did an assessment. It could fit onto a weird little strip of paper, same as the peculiar little OSHA job listing on an inch-wide strip that caught my eye at the college placement office that day that led me to my safety career. You need that assessment document or face a violation, as many have been cited. It's been a genuine "gotcha" citation lately.

2

Next pitfall, and it's one I don't think has been a huge problem. We all use Safety Data Sheets in our routine business, or at least most of us use them now and then. The GHS format has, unfortunately in my opinion, taken the descriptions of hazards and blown them up into lists of generic hazards, each with a numerical classification. Harder to figure out precisely what the dangers of a chemical might be. Given OSHA is now citing companies for having MSDS's instead of SDS's, we must have these less-understandable documents (another "gotcha" item).

Not too many changes to the mandatory "Personal Protective Equipment" section, thankfully. We still see the near-generic "Eyes and Face: Use appropriate safety goggles", "Hands: Use suitable gloves" and so on, even for chemicals that are not all that dangerous. Look up the SDS for waterless hand soap sometime for a laugh – the waterless hand cleaner SDS I recently looked at said "SKIN: Wash the area with a nonabrasive soap and plenty of water. Wash clothing separately before reuse." Yes, it says to wash off the waterless hand cleaner with plenty of water. You can't make this stuff up.

You also can't use it for anything because it's meaningless taken at face value. However, if you apply a level of interpretation to it, something which the average employee using the product will never do, you can say to yourself "This is intended to say where exposing your hands to this product leads to skin problems, such as by saturating your hands in it for excessive lengths of time in a way well outside of its intended use, or when there are the rare allergic reactions to it, then wash it off with water."

The same need for inappropriate interpretation applies for PPE. The SDS I looked up for gasoline said the required PPE was chemical goggles, impermeable apron and chemical resistant gloves. And yet, with all that cautionary language, when I was getting some gas yesterday at the BP, nobody filling up at the pumps had on the goggles, gloves and aprons while filling up their cars. (Other than me, of course. I'm a safety guy.) There is an engineering control in the gas pump/hose/spigot design which eliminates any need for PPE at a gas pump. However, the SDS also covers exposures to gasoline elsewhere, such as for the guy replacing a fuel pump at an auto repair shop, or a researcher testing the octane in a lab.

What gasoline's SDS should say is "Where it could splash in the eyes, wear chemical splash goggles. Where it could be on your hands for some duration, wear chemical gloves. Where it might splash down your front, wear the impermeable apron." Now, all that's funny, but I've seen OSHA citations based on the SDS and disregarding the actual level of the hazards, and those citations were hard to fight in court. Also, right now I'm working with an employer who is using a solution of diluted acetic acid. Basically a weak vinegar bath for some parts. An employee was complaining about the rather light vinegar smell wafting off this solution, and had a look at the SDS, and saw all the same sorts of PPE cautions, which greatly aggravated her concerns. Icing on the cake, the SDS

was for the original acetic acid, not the watery solution used in the plant. The need to interpret is a genuine pitfall of safety data sheets.

3

Another little pitfall: advertisers tend to emphasize the regulations that stimulate sales. This gives the impression that purchasing lots of PPE is the answer to problems from excessive vibration to back strain. For years, OSHA has quietly promoted using engineering controls to eliminate the need for PPE. Removal of a hazard also eliminates the need for documenting the need for PPE to protect against the removed hazard, and the expense of buying it, and the constant chasing after employees to use it. This reduction in PPE makes the job much easier in the long term. OSHA and I are both happy if we don't need to supply any personal protection at all – after doing that assessment we talked about and finding it unnecessary, of course. The pitfall is, when there's a workplace hazard, you can't always fix it with quick and easy PPE shopping. You first need to investigate better controls than mere PPE, no matter what the vendors say.

Those are some pitfalls, the “traps” I promised. There are others which we don't have space for but keep these pitfalls in mind when working with your PPE program.



Identify common workplace hazards, learn specific safety standards, and discuss corrective actions in this free walk-through lab and seminar.

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**PLZ Aeroscience  
1000 Ingram Drive  
Pacific, MO 63069**

**August 20 at 1 p.m.**

**August 21 at 7:30 a.m., 1 p.m. and 5:30 p.m.**

**August 22 at 7:30 a.m., 1 p.m. and 5:30 p.m.**

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Allow approximately 4 hours for this event. Safety professionals will be available to answer questions before and after the seminars.

**Email Gary Myers at [gmyers@plaze.com](mailto:gmyers@plaze.com) to reserve your seat for this free event.**

**Visitors please report to the guard shack for directions to building A-1 (HR offices) to sign in and take a safety briefing/test. (The test will be emailed to you ahead of time for completion). Bring your own safety glasses for entering warehouse.**

Course completion certificates and Continuing Education Units (0.3 CEUs) are available through Saint Louis University's Center for Environmental Education and Training. Register online at [ceet.slu.edu](http://ceet.slu.edu). There will be a \$20 fee for this service.





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**Ozark Steel**  
**1 Ozark Drive**  
**Farmington, MO 63640**  
**Located in Farmington's Industrial Park 67 South**

**September 10 at 8 a.m. and 1 p.m.**  
**September 11 at 8 a.m. and 1 p.m.**  
**September 12 at 8 a.m.**

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Allow approximately 4 hours for this event. Safety professionals will be available to answer questions before and after the seminars.

**Email Matt Laut [mlaut@ozarksteel.com](mailto:mlaut@ozarksteel.com) to reserve your seat for this free event.**

**Visitors please report to the break room/lunch room to the north (right) of the offices. Signage will be posted.**

Course completion certificates and Continuing Education Units (0.3 CEUs) are available through Saint Louis University's Center for Environmental Education and Training. Register online at [ceet.slu.edu](http://ceet.slu.edu). There will be a \$20 fee for this service.



[www.labor.mo.gov/SAFE](http://www.labor.mo.gov/SAFE)





# SAFE + SOUND



## OSHA 7500 Introduction to Safety and Health Management

Hosted by: SLU Center for Environmental Education and Training  
A member of Great Plains OSHA Education Centers

**Friday, August 16, 2019 8:00 am to 3:00 pm**

**\$30** Special Event rate includes lunch  
(regular class cost is \$225)

ONLY students registering & paying online in advance will be awarded the OSHA 7500 certificate  
Certificates are limited to the first 40 registrants. **Registration ends August 14.**  
Visit [ceet.slu.edu](http://ceet.slu.edu), click "Register Online," then search for "OSHA 7500"

The **OSHA 7500** course focuses on the effective implementation of a company's safety and health management system. It addresses the four core elements of an effective safety and health system and those central issues that are critical to each element's proper management.

**Safe + Sound week** is a nationwide event to raise awareness and understanding of the value of proactive safety and health programs in workplaces. Successful safety and health programs can proactively identify and manage workplace hazards before they cause injury or illness, improving sustainability and the bottom line. Participating in Safe + Sound Week can help get your program started or energize an existing one. For more information visit [www.osha.gov/safeandsoundweek](http://www.osha.gov/safeandsoundweek)

Sponsored by:



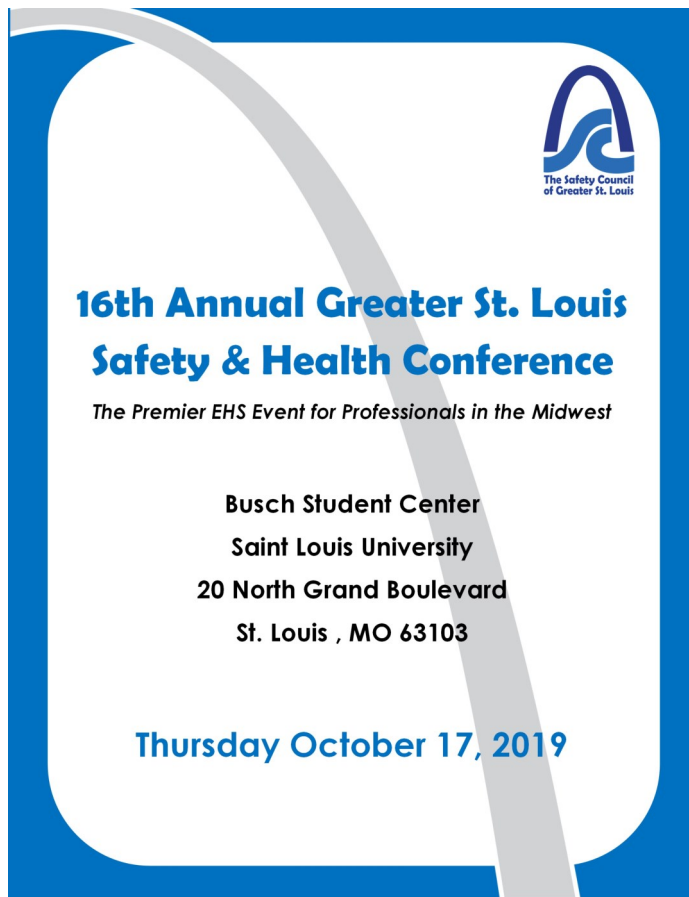
**SAINT LOUIS UNIVERSITY**  
—  
COLLEGE FOR PUBLIC HEALTH  
AND SOCIAL JUSTICE



**Safety Council  
of Greater St. Louis**  
*Celebrating 100 Years of Safety*







July 2019

*It is with great pleasure that I invite you to attend the Annual Greater St. Louis Safety & Health Conference. The 2019 Conference Committee has put a great deal of effort into this years' program.*

*This years' program has been designed to include topics relevant to all who assume a role in safety and health for their organization, especially those in Human Resources roles.*

*i invite you to take a look at the topics listed below, and share with others you believe could benefit from this year's program.*

*Thank You and I hope to see you in October,  
Mary Beth Proost*

- A Model Ergonomics Program
- A Pressure Vessel is a Tool not a Bomb
- Addressing the Work Place Opioid Crisis
- Bermuda Triangle
- Communicating with Confidence
- Electrical Maintenance is Safety
- Elements of Emergency Management
- Environmental Sustainability: A New Look
- Human and Organizational Performance
- OSHA Consultation: How Does it Work?
- OSHA is Here, What do I do Now?
- OSHA Overview
- OSHA's Voluntary Protection Program
- Saving Lives: The Making of a Docudrama
- Silica: The Standard and Beyond
- Stuck By and Drop Object Prevention
- Telematics
- Total Work Health
- Workers' Compensation
- Working at Heights Safely

**For More information Visit [www.stlsafety.org](http://www.stlsafety.org)**

**OR Call 314-621-9200**



**SAINT LOUIS  
UNIVERSITY™**





# AMERICAN SOCIETY OF SAFETY PROFESSIONALS

## 2019-20 Rolling Calendar of Meetings and Events

Date	Meeting Topic & Presenter	Menu
August 12, 2019 Monday Lunch*	<b>Joint Mtg AIHA</b> Speaker Kerry Goyette presents a new perspective on safety and the behaviors that it affects. She will provide data driven solutions to help your team to be more safe, and in turn, more engaged.	BBQ Pork Steaks
September 9, 2019 Monday Tour Day, No meeting	<b>Join us for a tour of Watlow Electric Manufacturing Co., a family-owned company that designs and manufactures industrial electric heaters, sensors, and controllers.</b> Advanced Registration Required. Maximum of 50.	Catored meal on site
October 14, 2019 Monday Lunch*	<b>Workers Compensation</b> Speaker Chris Archer of Archer & Lassa LLC. will provide us with the latest information in the legal circles that affect worker's compensation.	Mexican Buffet
November 11, 2019 Monday Lunch*	<b>Joint Mtg GSHMM</b> Flint Walton , Technical Services & Training Specialist of Missouri Employers Mutual will be speaking on Understanding Your Experience Modifier and Workers' Comp – a practical review of the experience modifier and a real world look at understanding it and key factors to help control it	Chicken Delight
December 9, 2019 Monday Lunch*	<b>OSHA Update</b> Speaker Bill McDonald, OSHA's Area Director in St Louis will provide his annual OSHA fiscal year update and quick review of new/old initiatives. Location TBD	
January 00, 2020 Thursday 5 pm Bristol Seafood Grill	<b>Membership Appreciation Night</b> <u>No luncheon meeting this month!</u> Enjoy food and libations at Bristol Seafood Grill on Olive and relax with others in your field at this event. Exclusively for St Louis Chapter Members.	
February 10th, 2020 Monday Lunch*	<b>OSHA Defense</b> Speaker Julie O'Keefe, Attorney at Law of Armstrong Teasdale Law Firm. Update on strategies to defend against OSHA citations	
March 00, 2020 Monday ALL DAY Date & Location TBD	<b>Professional Development Conference</b> Joint conference with the American Industrial Hygiene Association (AIHA) to bring you high quality training at the best price, CEU's awarded.	
April 13, 2020 Monday Lunch*	TBD	
May 11, 2020 Monday Lunch*	TBD	
June 00 Friday All Day	ASSP Scholarship Golf Tournament Fundraiser Location TBD	Registration Required

\*Lunch at Sybergs Dorsett, 2430 Old Dorsett Rd, Maryland Heights, MO 63043  
Lunch will include house salad, bread and dessert in addition to the listed entree.

# American Society of Safety Professionals

## St. Louis Chapter Committees

**Website** – Dave Callies – [dcallies@kelpe.com](mailto:dcallies@kelpe.com)

Maintains website with updated news, chapter events, and job postings

**Newsletter** – Dan Bembower – [dan.bembower@usi.com](mailto:dan.bembower@usi.com)

Publishes and distributes the chapter newsletter to all chapter members

**PDC Chair** – Dennis Pivin – [DPivin@aegion.com](mailto:DPivin@aegion.com)

Coordinates logistics of professional development activities

**Membership** – Dianne Gibbs – [dianne@ideasftp.com](mailto:dianne@ideasftp.com)

Ensures new members are recognized & introduced at membership meetings

**Public Relations** – Steve Williams – [swilliams@bellelectrical.com](mailto:swilliams@bellelectrical.com)

Promotes chapter activities to the general public. Coordinates poster contest

**Awards & Honors** – Bill Kincaid – [billkincaid@yahoo.com](mailto:billkincaid@yahoo.com)

Recognizes member achievement through chapter awards

**Scholarship** – Rob Miller – [robertmiller91@yahoo.com](mailto:robertmiller91@yahoo.com)

Promotes student scholarships & continuing education scholarships for members

**Programs** – Tim Michel – [tmichel@keeleycompanies.com](mailto:tmichel@keeleycompanies.com)

Plans the program time and needs for presentations & coordinates schedule

**Social Media** – JaNola Rigsby – [jrigsby@qualsafesolutions.com](mailto:jrigsby@qualsafesolutions.com)

Maintains Face book & Twitter accounts promoting discussion with local membership

Please contact the committee chair with comments or if you would like to participate.

## Mid Missouri Officers

Bret Derrick, Chairman

[bderrick@broadwayergonomics.com](mailto:bderrick@broadwayergonomics.com)

Mark Woodward, Vice Chair

[mwoodwar@mem-ins.com](mailto:mwoodwar@mem-ins.com)

Bethany Watson, Membership Chair

[bethany@365safety-services.com](mailto:bethany@365safety-services.com)

## Job Opportunities

Job opportunities are posted frequently on the website:

<https://stl.assp.org/current-openings/>

Remember, the St. Louis Chapter offers unemployed ASSE members a free lunch at our monthly meeting!

## St. Louis Chapter Board Members

**Rick Reams** – President, 618-670-6589 ([ricky\\_reams@hotmail.com](mailto:ricky_reams@hotmail.com))

**Steve Williams** – Vice President, 314-213-5859 ([swilliams@frenchgerleman.com](mailto:swilliams@frenchgerleman.com))

**Dennis Pivin** – Secretary ([DPivin@aegion.com](mailto:DPivin@aegion.com))

**Erica Heinssen** – Treasurer, 314-941-4545 ([heinssen.e.1@pg.com](mailto:heinssen.e.1@pg.com))

**Mark Krieger** – Past President, 314-435-3630 ([mark.krieger2007@gmail.com](mailto:mark.krieger2007@gmail.com))

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<http://stl.assp.org>