### Chapter Officers
- **President:** Daniel Ashworth ASP, CFEI, CFPS  
dlashworth@bwxt.com
- **Vice-President:** E. Stuart Bowman, MBA CSP  
Stuart.Bowman@arconic.com
- **Secretary:** Bob Calhoun CSP  
rpcalhoun@bwxt.com
- **Treasurer:** David McCrumb  
davidmccrumb@sharynmccrumb.com
- **Delegate:** Bob Calhoun CSP  
rpcalhoun@bwxt.com

### Committee Chairs & Contributors
- **Audit:** Daniel Ashworth CFEI, CFPS
- **Communication:** Bob Calhoun CSP
- **Governmental Affairs:** Open
- **Nominations & Elections:** James Calvert PhD CSP, CHMM  
jacalvert@bwxt.com
- **PDC Liaisons:** Kathy Warwick & Brandon Webb
- **Past President:** James Calvert PhD CSP, CHMM

### Upcoming Meetings & Events
- **Monthly Meeting:** Thursday Noon April 5  
Roanoke
- **Monthly Meeting:** May 14 Roanoke-Blacksburg Regional Airport Tour
- **Monthly Meeting:** June 11  
Salem Red Sox Baseball Night Out

### MONTHLY MEETING Monday March 12th
**Topic:** Business Meeting and Chapter Planning

**Time:**
- 5:30 pm Happy Half Hour
- 6:00 pm Dinner
- 6:30 Program

**Cost:** We will be ordering off the menu

**Location:** Vinny’s Italian Grill  
4018 Suite J Ward’s Road  
Lynchburg, VA  
Phone: 434-455-4338

### Member Spotlight
**John Caldwell** is a new Chapter member who works for Pillar Operations & Maintenance Advisors in Wytheville VA as a Safety Engineer. He oversees, advises, audits and augments operations and assets for companies and government agencies such as VDOT. He covers both Industrial Safety as well as Highway Safety Maintenance.

John’s primary background has been in the Industrial sector and creating and mentoring VPP STAR Sites. He has been in the safety field since 1983 and has worked for Morton International, Rohm and Haas, Volvo Heavy Truck Manufacturing, Camrett Trucking and ABB Transformer. John is a graduate of graduate of Virginia Tech and Radford. We welcome John as our newest member.

We are looking to recognize our membership. If you would like to share your bio, contact Bob Calhoun.

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Best wishes to **Dan Moore**, our former Governmental Affairs Chairperson who has accepted a new opportunity in West Virginia.

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Please provide Newsletter comments, news, recommendations and submissions to Calhoun@mpinet.net
February Star Valley Chapter Meeting Recap

The February meeting of the Star Valley Chapter of ASSE was called to order by vice president Stuart Bowman at Corned Beef and Company in Roanoke, VA. The following topics were covered.

Chapter Business

- The Chapter wished the best to Dan Moore, our government affairs committee chairman who has accepted a new opportunity in West Virginia
- Chapter Bylaws Vote
  - In accordance with the ASSE to ASSP protocol, a quorum was reached and a vote was conducted regarding the name changes to the Chapter Bylaws. The vote was unanimous in favor of the Chapter/Society name change.
- Chapter meetings. Future meeting were announced:
  - April: Tour of Roanoke-Blacksburg Regional Airport Tour (the tour has been since changed to May)
  - June: Night out at the ballpark with the Salem Red Sox
  - The executive Committee is looking for speakers, topics and meeting locations. Attendees were asked to assist
- Committees. The call went out for volunteers for chairpersons and/or members. The following committees require volunteers or chairpersons.
  - Audit
  - Awards and Honors
  - Foundation Activities
  - Governmental Affairs
  - Membership
  - Newsletter
  - Professional Development
  - Programs
  - Public Relations
  - Regional Operating Committee
  - Strategic Planning:
  - Officer Nominations & Elections.
- Chapter elections.
  - Volunteers were requested for the Nominations and Elections Committee Members. Past President Jimmy Calvert is the Committee Chair for this effort. The Chapter is past due on this item. The Nominations & Elections Committee task is to select qualified candidates for all elective offices. Candidates’ names and qualifications will then be published and distributed to the Chapter membership at least 30 days in advance of the election. Election of officers for the ensuing year shall be held no later than the May meeting.
- Chapter Safety Professional of the Year (SPY)
  - The attendees were requested to consider a Chapter member for the SPY award. This award is an honor acknowledging the dedication and outstanding contributions by a member. The recipient receives an engraved Bronze statue. Information was provided in the November Newsletter.
- ASSP launch activities in work include the following:
  - Chapter tax filings
  - Custom logo development occurring Dec – Jan
  - Feb – March chapter service offerings (jump sign/table drape offerings)
  - ASSP will be officially launched at Safety 2018 in June
  - The Society will be offering branded letterhead, flyers, certificates of recognition, name badges and other items with new logo.
- Chapter plans were discussed including publicizing job openings and other, conferences, meetings, networking opportunities, best practices. A committee needs to take ownership of this topic. Volunteers were solicited.
Meeting Presentation

Milford Stern, VPP Manager at VA Department of Labor, Crystal Main, Virginia Challenge Coordinator and Nathanial Griffin, VOSH Consultation Program Information provided excellent presentation on “Virginia's VPP and How to Get There”. Their presentations have been uploaded to the Star Valley website: https://starvalley.asse.org/files/

The meeting was concluded with a description of plans for the March meeting.

Meeting Attendees included:
- Paul Burns
- Stuart Bowman
- Jon Caldwell
- Bob Naujelis
- Todd Peters
- Ron Schmidt
- Tim Walker
- Brian Ward

Chapter SPY: Daniel Ashworth

Daniel Ashworth is the Star Valley Safety Professional of the Year (SPY). The press release below was distributed to publicize Daniel’s achievement. Congratulations Daniel!

PRESS RELEASE
STAR VALLEY CHAPTER of the American Society of Safety Engineers
March 1, 2018

ASSE’s Star Valley Chapter names Ashworth its Safety Professional of Year

Daniel L. Ashworth has been selected as the Safety Professional of the Year by the American Society of Safety Engineers’ (ASSE) Star Valley Chapter for 2017-18. Ashworth is the Group Lead in the Industrial Health & Safety Department of BWX Technologies Inc. in Lynchburg, Virginia.

The qualities and achievements that Ashworth exhibited to secure the top honor include:
- Demonstrating technical expertise in the broad field of workplace safety, and possessing a thorough knowledge of the operational aspects of his safety employment.
- Making outstanding contributions as a two-term president of the Star Valley Chapter, including his work on several regional ASSE projects.
- Displaying leadership in fulfilling the office of Chapter president, interacting with members from 27 counties in central and southwest Virginia.
- Contributing to the advancement of the safety profession by fostering professional development within the Chapter and teaching undergraduate and graduate courses at Eastern Kentucky University.

Ashworth will now enter the competition for the Regional Safety Professional of the Year, competing against nominees from chapters in Maryland, Virginia, North Carolina, South Carolina and Washington D.C.

The American Society of Safety Engineers, founded in 1911, is the world’s oldest professional safety society. ASSE promotes the expertise, leadership and commitment of its members, while providing them with professional development, advocacy and standards development. It also sets the occupational safety, health and environmental community’s standards for excellence and ethics.

ASSE is a global association of occupational safety professionals representing more than 37,000 members worldwide. The Society is also a visible advocate for occupational safety and health professionals through proactive government affairs at the federal and state levels, and in member-led relationships with key federal safety and health agencies.

ASSE members create safer work environments by preventing workplace fatalities, injuries and illnesses. Besides recording less lost time and lower workers’ compensation costs, organizations with strong safety performance enjoy increased productivity, a better reputation and higher employee satisfaction.

Robert P. Calhoun, CSP, Secretary, Star Valley Chapter
House of Delegates Report

A motion will be presented at Safety 18 in San Antonio, Texas to create a new Council in the Congress of Councils that is the Council on Academic Affairs and Research. This council, if approved, will

1. Consist of a Vice President, as chair; and seven (7) council Members-At-Large.
2. Be responsible for overseeing academic and research-related matters, including the development of education standards and accreditation, student engagement and research-related activities.

As your House of Delegates representative, I’m responsible for casting an electronic ballot below by **Wednesday, April 11**. I am requesting feedback of the membership, approval/non-approval by **March 31, 2018**.

Note: The Chapter will require a proxy at the House of Delegates meeting at safety 2018 as I cannot attend this year. If you are attending Safety 2018 and wish to be the proxy, please contact me.

Bob Calhoun, Star Valley Chapter Delegate

OSHA Adjusts Penalty Amounts for 2018

On Jan. 2, civil **penalty amounts** for violations of workplace safety and health standards increased by two percent from last year. In accordance with the Federal Civil Penalties Inflation Adjustment Act Improvements Act of 2015, the Department of Labor is required to adjust penalties for inflation each year. New penalties for willful and repeat violations are $129,336 per violation; serious, other-than-serious, and posting requirements are $12,934 per violation; and failure to correct violations is $12,934 for each day the condition continues.

Source OSHA Quick Takes January 17, 2018 Volume 17, Issue 2

Virginia Fines Company for Scaffolding Violations

**Virginia Occupational Safety and Health** (VOSH) issued $48,400 in penalties to United Building Envelope Restoration in Manassas Park for exposing workers to fall hazards from unsafe scaffolding. VOSH inspectors concluded that the company failed to inspect the scaffolding before every shift; positioned workers and building materials on light duty scaffolding in excess of the load limit; failed to install required guardrails and cross braces; and did not provide required fall protection. VOSH issued **eight serious citations** to the company.

April is Distracted Driving Awareness Month and Week April 9-13

April is Distracted Driving Awareness Month in Virginia. Drive Smart Virginia has free materials available including posters and brochures web banners and more from their online Distracted Driving Awareness Month toolkit. **Click Here to go to the Online Toolkit.**

DRIVE SMART Virginia will be traveling the Commonwealth in support of Distracted Driving Awareness Month and Work Zone Awareness Week (April 9-13). Visiting workplaces, schools, and sporting events, we'll be reminding motorists to drive distraction.
Nine OSH System Mistakes to Avoid

ASSE recently identified nine mistakes that can have a major impact on OSH system efficiency and effectiveness, including:

1. **Having an unbalanced program.** If there is not a proper balance between those OSH elements, then the system as a whole will not operate at maximum efficiency. Every component of a safety system plays a part in its success, and no one element should be emphasized over another.

   It is important to view an OSH system as being greater than the sum of its parts.

2. **Assuming that low incident rates are directly correlated to low fatality rates.** Organizations may think that there is a direct correlation between occupational injury rates and fatality rates. However, by taking a closer look, it becomes apparent that such a correlation is not the case.

   According to the Bureau of Labor Statistics, in 2014 the oil and gas industry had the lowest total recordable incident rate per 100 full-time employees per year (TRIR) of the four industries selected (oil and gas, construction, manufacturing, and education and health), and the highest fatality rate per 100,000 employees per year. On the other hand, the U.S. education and health industry had the lowest fatality rate and the highest TRIR of the selected industries.

   These statistics demonstrate that organizations should not equate low OSHA recordable incident rates with a decreased risk of serious injuries and fatalities (SIFs), and that a closer examination of organizational data is necessary to develop a truly effective OSH system.

3. **Having impractical safety expectations.** While every organization would like to have zero injuries and fatalities, that is not realistic given the many factors involved. In certain environments, it simply is not possible to achieve absolute control over all risks and hazards.

   Rather than try to mitigate or eliminate any and all hazards, organizations should instead determine an acceptable level of risk and take steps to achieve it.

   Methods such as the as low as reasonably practicable (ALARP) principle developed by the U.K’s Health and Safety Executive (HSE) provide organizations with guidance on determining their level of tolerable risk so that they can prioritize and mitigate risks and hazards to an acceptable level.

4. **Confusion between occupational safety and system safety.** As noted, there must be a balance between the different elements of a management system for it to be effective, and that includes a balance between personal safety and process safety. Many organizations put a greater focus on personal safety issues, since those are easier to measure. However, personal safety metrics are not necessarily an accurate representation of overall system safety and effectiveness.

   While measures such as lost workdays can provide an indication of overall personal safety, they do not take into account factors such as engineering and management issues that affect system safety.

5. **Confusion between intentional violation and error.** A common misconception in the OSH field is that when safety violations occur, they are conscious, willful acts on the part of an employee. However, in reality this is usually not the case. A significant number of incidents can be attributed to human error rather than intentional safety violations.

   By taking this into account when developing or improving their OSH systems, leaders can work with safety professionals to implement well-developed safety controls that will mitigate or eliminate the impacts of human errors.

6. **Assuming that no errors will be made if employees support safety.** One critical element to a safety program’s success is the commitment of everyone in the organization, from the top-down. However, organizations cannot assume that no errors will be made if everyone supports safety.

   While it is nice to believe that everyone will act in the safest manner possible at all times, errors do happen and
that should be figured into an OSH system. If the system is designed so that it can anticipate and react accordingly to errors before they become incidents, it can have a major impact on overall safety performance.

7. Lack of clarity on duty of safety care at multiemployer sites. Multiemployer sites with potentially dozens of workers performing different tasks and facing different hazards can create confusion as to everyone’s roles and responsibilities in terms of safety.

Having a clearly defined duty of safety care can help provide clarity about who is responsible for safety at the site and how risks will be mitigated. The duty of safety care can depend on statutory, contractual or controlling-action obligations for a particular employer, and having one in place is an important element in developing control measures for multiemployer sites.

8. Non-optimal safety organization design. For an OSH system to achieve its purpose, it must be properly selected, designed and implemented to meet an organization’s specific needs and business objectives. Having an isolated OSH department or adopting a one-size-fits-all approach would most likely not move safety performance or the business in the right direction.

Organizations should develop a structure where occupational safety is integrated into every aspect of the business. With such a structure, every employee from the C-suite down will know their roles and responsibilities in terms of safety in order to optimize safety and business performance.

9. Failure to prioritize risks. While organizations would like to address all the risks and hazards associated with their operations, the reality is that resources are limited and management must make choices as to which hazards to address based on the level of risk they present to employees.

Failing to prioritize risks can result in resources being stretched thin and greater attention being given to less frequent and less severe injuries, rather than examining less obvious hazards that may have more serious consequences. Leadership should have clearly defined priorities, strategies and tactics for addressing risks that will effectively and efficiently achieve the goal of protecting people, property and the environment.

All of these circumstances emphasize the importance of conducting periodic OSH system audits and risk reviews to comprehensively gauge the system’s effectiveness. Without taking a hard look at the system, leadership may assume, incorrectly, that it must be working because the organization hasn’t had any significant injuries or fatalities. It is crucial, however, to not equate a lack of injuries with an effective safety management system and take steps to continuously assess the impact that the system is having on overall safety performance.


Related Links:
Managing Risk Perceptions: Safety Program Support Outcomes
The Art of Assessing Risk
Multiemployer Sites in the U.S.: Project Control & Duty of Safety Care

Join us at the Star Valley Facebook page:
https://www.facebook.com/starvalleyasse
New Global Standard Considered A Milestone In Creating Safer Workplaces

01/31/2018

PARK RIDGE, Illinois — Every day around the world, more than 7,600 lives are lost due to work-related incidents and diseases. That’s nearly 2.8 million fatalities a year. To combat this global safety issue, a new safety standard has been approved after five years in the making – ISO 45001 Occupational Health and Safety Management Systems, spearheaded by the International Organization for Standardization (ISO) with support from the American Society of Safety Engineers (ASSE). The voluntary consensus standard provides a framework that can increase employee safety, reduce workplace risks and improve business outcomes worldwide.

The first-of-its-kind global consensus model for managing safety and health risks is expected to be published in March. ASSE played a key role in the seven-stage process that began in 2013, serving as the administrator of the U.S. technical advisory group (TAG) to the American National Standards Institute (ANSI). According to ISO, 93 percent of its members voted in favor of the new international standard, far above the requirement of a two-thirds majority.

“ISO 45001 is one of the most significant developments in workplace safety over the past 50 years, presenting an opportunity to move the needle on reducing occupational safety and health risks,” said TAG Chair Vic Toy, CSP, CIH. “The goal was to create a widely accepted standard that can produce a highly effective safety and health management system for an increasingly interconnected world, regardless of an organization’s size, location, supply chains or nature of work. It becomes a minimum standard of practice, and a good one at that.”

The standard was developed by a committee of occupational safety and health experts who followed a combination of other safety and health management systems such as ANSI/ASSE Z10, OHSAS 18001, ISO 14001, ISO 9001, guidelines from the International Labor Organization, and various national standards. ISO 45001 will replace OHSAS 18001, a British standard that grew to global acceptance. There will be a three-year transition period for registrants.

Many organizations, especially in Europe and Asia, are transitioning to a management-systems approach as a better way to control organizational risk and achieve a measure of corporate social responsibility. That new foundation is ISO 45001, reflecting diverse opinions and methods from around the world on the best ways to construct an occupational safety and health management system. These comprehensive systems help companies combat well-known workplace hazards such as falls, which are a leading cause of on-the-job injuries and deaths.

“A significant aspect of ISO 45001 is how it works within an organization to integrate with processes and goals,” Toy said. “Everyone has a role and responsibility in the management system. Safety and health becomes a shared objective, and when done right, the organization greatly benefits from this cohesive way of managing risks.”

The multi-year process of establishing a global standard included input from more than 75 countries across six continents. The ultimate outcome will be safer and healthier workplaces across the globe as companies adopt the groundbreaking standard to reduce injuries, illnesses and fatalities.

“Better management of risk is needed by businesses in every industry to not only protect their human capital, but to achieve growth and sustainability objectives while improving their bottom line,” said TAG Vice Chair Kathy A. Seabrook, CSP, CFIO SH, EurOSHM. “ISO 45001 is a tool to help organizations do just that.”

Source: February Standards Update from ASSE. Media contact: Blaine Krage, 847.768.3416, bkrage@asse.org
**Term of the month**

**Pokayoke** [poka joke] is a Japanese term that means "mistake-proofing" or "inadvertent error prevention". The key word in the second translation, often omitted, is "inadvertent". There is no pokayoke solution that protects against an operator's sabotage, but sabotage is a rare behavior among people. A pokayoke is any mechanism in a [lean manufacturing] process that helps an equipment operator avoid (yokeru) mistakes (poka). Its purpose is to eliminate product defects by preventing, correcting, or drawing attention to human errors as they occur. The concept was formalized, and the term adopted, by [Shigeo Shingo] as part of the [Toyota Production System]. It was originally described as **baka-yoke**, but as this means "fool-proofing" (or "idiot-proofing") the name was changed to the milder **poka-yoke**.

Source: [https://en.wikipedia.org/wiki/Poka-yoke](https://en.wikipedia.org/wiki/Poka-yoke)

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**Mark Your Calendars**

**ASP/CSP Prep Course**

September 16-18, 2018
ASSE Region VI PDC

Registration open 2/1/18
[https://region6.asse.org/pdc/](https://region6.asse.org/pdc/)

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**Support the future, support the Foundation**

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Please provide Newsletter comments, news, recommendations and submissions to [Calhoun@mpinet.net](mailto:Calhoun@mpinet.net)