



Quad Cities Chapter American Society of Safety Engineers

Next Meeting:

TOPIC: OSHA Update

Speaker: Mike Whitmore

When: January 26th @ noon

Where: Tri-City Electric

5311 Tremont Ave
Davenport, IA 52806
P: 563.445.2170

Update Contact Information

Contact Diana Gilbert @ dlg1127@aol.com to update your e-mail address to receive the newsletter by e-mail, and emails from ASSE if you are not currently doing so.

We are always looking for input into the newsletter to better serve our members. Please send newsletter contributions to Diana Gilbert.

What do you see?

New Members!!

The Quad City Chapter would like to welcome our newest members: Renee Debaene w/Ramboll Environ & Randy Tyler.

Welcome!!

If you know of someone who is interested in joining our chapter, refer them to the refer-a-member link on <http://www.asse.org/>



In This Issue

Next Meetings.....	1	Exam Prep Materials.....	3
New Members.....	1	OTJ Deaths Rise.....	3
What Do You See.....	1	Help Wanted.....	4
Update Your Info.....	1	Announcements.....	4
Walking-working Final Rule.....	2	OSHA Challenge Answer.....	4
OSHA Challenge.....	2	ASSE BOD.....	5

Newsletter Editor Diana Gilbert

Final Rule to Update General Industry Walking-Working Surfaces and Fall Protection Standards

Falls from heights and on the same level (a working surface) are among the leading causes of serious work-related injuries and deaths. OSHA has issued a final rule on Walking-Working Surfaces and Personal Fall Protection Systems to better protect workers in general industry from these hazards by updating and clarifying standards and adding training and inspection requirements. It does not change construction or agricultural standards.

The rule incorporates advances in technology, industry best practices, and national consensus standards to provide effective and cost-efficient worker protection. Specifically, it updates general industry standards addressing slip, trip, and fall hazards (subpart D), and adds requirements for personal fall protection systems (subpart I). OSHA estimates that these changes will prevent 29 fatalities and 5,842 lost-workday injuries every year.

What are the major changes in the final rule?

- Fall protection flexibility (§1910.28(b)). The final rule allows employers to protect workers from falls by choosing from a range of accepted fall protection systems, including personal fall protection systems. It eliminates the existing mandate to use guardrails as the primary fall protection method and gives employers the flexibility to determine what method they believe will work best in their particular workplace situation. This approach has been successful in the construction industry since 1994. The final rule allows employers to use non-conventional fall protection practices in certain situations, such as designated areas on low-slope roofs for work that is temporary and infrequent and fall protection plans on residential roofs when employers demonstrate guardrail, safety net, or personal fall protection systems are not feasible or create a greater hazard (§1910.28(b)(1) and (b)(13));
- Updated scaffold requirements (§1910.27(a)). The final rule replaces the outdated general industry scaffold standards with the requirement that employers comply with OSHA's construction scaffold standards;
- Phase-in of ladder safety systems or personal fall arrest systems on fixed ladders (§1910.28(b)(9)). The final rule phases in over 20 years a requirement to equip fixed ladders (that extend over 24 feet) with ladder safety or personal fall arrest systems and prohibits the use of cages and wells as a means of fall protection after the phase-in deadline. There is wide recognition that cages and wells do not prevent workers from falling from fixed ladders or protect them from injury if a fall occurs. The final rule grandfathered in cages and wells on existing ladders, but requires during the phase-in period that employers equip new ladders and replacement ladders/ladder sections with ladder safety or personal fall arrest systems;
- Phase-out of the "qualified climber" exception in outdoor advertising (§1910.28(b)(10)). The final rule phases out OSHA's directive allowing qualified climbers in outdoor advertising to climb fixed ladders on billboards without fall protection and phases in the requirement to equip fixed ladders (over 24 feet) with ladder safety or personal fall arrest systems. Outdoor advertising employers must follow the fall protection phase-in timeline for fixed ladders. However, if ladders do not have any fall protection, outdoor advertising employers have 2 years to comply with the existing standard (i.e., install a cage or well) or, instead, they may install a ladder safety or personal fall arrest system, both of which are cheaper than cages or wells;
- Rope descent systems (RDS) and certification of anchorages (§1910.27(b)). The final rule codifies OSHA's memorandum for employers who use RDS to perform elevated work. The final rule prohibits employers from using RDS at heights greater than 300 feet above grade unless they demonstrate it is not feasible or creates a greater hazard to use any other system above that height. In addition, the final rule requires building owners to provide and employers to obtain information that permanent anchorages used with RDS have been inspected, tested, certified, and maintained as capable of supporting at least 5,000 pounds per employee attached.
- Personal fall protection system performance and use requirements (§1910.140). The final rule, which allows employers to use personal fall protection systems (i.e., personal fall arrest, travel restraint, and positioning systems), adds requirements on the performance, inspection, use, and maintenance of these systems. Like OSHA's construction standards, the final rule prohibits the use of body belts as part of a personal fall arrest system;
- Inspection of walking-working surfaces (§1910.22(d)). The final rule requires that employers inspect walking-working surfaces regularly and as needed and correct, repair, or guard against hazardous conditions; and
- Training (§1910.30). The final rule adds requirements that employers ensure workers who use personal fall protection and work in other specified high hazard situations are trained, and retrained as necessary, about fall and equipment hazards, including fall protection systems. Employers must provide information and training to each worker in a manner the worker understands.

Timeline Most of the rule will become effective 60 days after publication in the Federal Register, but some provisions have delayed effective dates, including:

- Ensuring exposed workers are trained on fall hazards (6 months),
- Ensuring workers who use equipment covered by the final rule are trained (6 months),
- Inspecting and certifying permanent anchorages for rope descent systems (1 year),
- Installing personal fall arrest or ladder safety systems on new fixed ladders over 24 feet and on replacement ladders/ladder sections, including fixed ladders on outdoor advertising structures (2 years),
- Ensuring existing fixed ladders over 24 feet, including those on outdoor advertising structures, are equipped with a cage, well, personal fall arrest system, or ladder safety system (2 years), and
- Replacing cages and wells (used as fall protection) with ladder safety or personal fall arrest systems on all fixed ladders over 24 feet (20 years).

For More Information Visit <https://www.osha.gov/walking-working-surfaces/index.html>

EXAM PREPARATION MATERIALS



BCSP's new Certified Safety Professional (CSP) examination went into effect on October 31, 2016. ASSE has two new resources to help you prepare for the exam.

[The CSP Examination Study Guide™ textbook](#) has been used successfully by hundreds of candidates to prepare for the CSP certification exam. This new edition boasts more than 850 questions covering the technical subject areas of all nine domains. It reflects the type of questions generally found on the 2016 CSP9 blueprint for the exam. All questions were independently reviewed for accuracy as well as level of difficulty and appropriateness.

Domain 1: Advanced Science and Math

Domain 2: Management Systems

Domain 3: Risk Management

Domain 4: Advanced Safety Concepts

Domain 5: Emergency Preparedness, Fire Protection, and Security

Domain 6: Occupational Health and Ergonomics

Domain 7: Environmental Management Systems

Domain 8: Training/Education

Domain 9: Laws and Ethics

[The interactive CSP Examination Study Guide™ CD v7.5](#)

covers all nine domains of the new 2016 exam blueprint.

"Study sessions" provide comprehensive coverage of the technical subject areas of each domain. With more than 850 review questions and answers, you can take short quizzes to evaluate your knowledge. You can also utilize comprehensive tests to assess your readiness for the exam.

OSHA Challenge

The Occupational Safety and Health Administration recently issued a proposed rule to consider whether a standard is needed to protect healthcare and social assistance employees from:

- A) Workplace violence
- B) Bloodborne pathogens
- C) Medical waste
- D) Opioid addiction

BLS: On-The-Job Deaths At Highest Level Since 2008

Washington – A total of 4,836 deaths due to workplace injuries occurred in 2015 – a 0.3 percent increase over 2014 and the most since 5,214 workers died in 2008, according to data released Dec. 16 by the Bureau of Labor Statistics.

Other highlights from the [2015 Census of Fatal Occupational Injuries](#):

- The 903 deaths among Hispanic or Latino workers and 495 deaths among African-American workers were the most since 2007 and 2008, respectively.
- 650 deaths occurred among workers age 65 and older – the second-highest total among this demographic since the Census of Fatal Occupational Injuries began in 1992.
- Roadway incident fatalities climbed 9 percent to 1,264, accounting for 26 percent of all fatal work-related injuries in 2015.
- The private construction industry recorded 937 deaths, the highest total since 975 in 2008.
- Heavy and tractor-trailer truck drivers experienced 745 fatal injuries, the most of any occupation.
- Fatal injuries among private oil and gas extraction workers were 38 percent lower in 2015 than 2014.
- The states with the highest number of worker deaths were Texas with 527, followed by California with 388, Florida with 272 and New York with 236.

Although the overall rate of fatal workplace injuries fell to 3.38 per 100,000 in 2015 from 3.43 per 100,000 in 2014, the rise in the number of fatalities alarmed officials.

"These numbers underscore the urgent need for employers to provide a safe workplace for their employees as the law requires," Secretary of Labor Thomas Perez said in a press release. "We have a moral responsibility to make sure that workers who showed up to work today are still alive to punch the clock tomorrow."

Meanwhile, AFL-CIO Director of Safety and Health Peg Seminario sounded a warning for the future. "The bottom line is that working people in this country need more safety and health protection – not less," Seminario said in a statement. "The new administration's actions on worker safety will be an important measure of whether they are keeping their campaign promises to improve the lives of workers."

HELP WANTED

See more job listings like these on the members' only page located at <http://members.asse.org> or <http://qc.asse.org>

SHE Coordinator, Muscatine, IA [https://www.indeed.com/cmp/Union-Tank-Car-Company-\(UTLX\)/jobs/Safety-474288c3eaa61746?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZkXKvWxyKy6LC5uac0kbHal9FpQU4XFpmXh189h7SEc5fXo7UefuDeupmWlp70iZK7kkyM_vEdhgM9ugisX46j](https://www.indeed.com/cmp/Union-Tank-Car-Company-(UTLX)/jobs/Safety-474288c3eaa61746?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZkXKvWxyKy6LC5uac0kbHal9FpQU4XFpmXh189h7SEc5fXo7UefuDeupmWlp70iZK7kkyM_vEdhgM9ugisX46j)

Industrial Hygiene & Safety Coordinator, Muscatine, IA

<https://jobs.monsanto.com/job/-/769/3593305?src=JB-10293>

Environmental Specialist, Muscatine, IA

https://www.appone.com/maininforeq.asp?Ad=491912&R_ID=1458511&Refer=https://www.indeed.com/&B_ID=44

Health & Safety Specialist, Davenport, IA http://careers.cintas.com/job/Davenport-Health-&-Safety-Specialist-IA-52801/375656900/?feedId=32300&utm_source=Indeed&utm_campaign=Cintas_PaidMedia

http://careers.cintas.com/job/Davenport-Health-&-Safety-Specialist-IA-52801/375656900/?feedId=32300&utm_source=Indeed&utm_campaign=Cintas_PaidMedia

EHS Manager, Davenport, IA

<https://sjobs.brassring.com/TGWEBHost/jobdetails.aspx?jobId=760225&partnerId=16&siteId=56&type=search&JobReqLang=1&codes=INDEED>

Safety Consultant, Davenport, IA

<https://www.indeed.com/viewjob?jk=8f7387ee022bf5ff&q=safety&l=52803&tk=1b5c99armavfbahs&from=web>

Safety & Compliance Officer, West Burlington, IA

https://www.indeed.com/cmp/Burlington-Trailways/jobs/Safety-Compliance-Officer-ca587d36c9c1ab9d?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZmKvJ3rq7-VDT2voN8lamzn3bgMFWUJZRLXHOgl_mawTlwGuT15Edbfq-5BquJb

EHS Manager, Dubuque, IA https://www.indeed.com/cmp/Georgia-Pacific-Dubuque/jobs/Manager-f081567dece3a7a7?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZmE_fDaqkK0vcxm_J7mrWk-FrjU7n1PzmK4oHNcHnkqUeNcHBY1BIEDY52iL09luQ

https://www.indeed.com/cmp/Georgia-Pacific-Dubuque/jobs/Manager-f081567dece3a7a7?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZmE_fDaqkK0vcxm_J7mrWk-FrjU7n1PzmK4oHNcHnkqUeNcHBY1BIEDY52iL09luQ

Safety Manager, Geneseo, IL https://www.indeed.com/cmp/J.F.-Edwards/jobs/Safety-Manager-962076923bc44deb?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZmE_fDaqkK0vcxm_J7mrWk-FrjU7n1PzmK4oHNcHnkqUeNcHBY1BIEDY52iL09luQ

https://www.indeed.com/cmp/J.F.-Edwards/jobs/Safety-Manager-962076923bc44deb?sidu=QwrRXKrqZ3CNX5W-O9jEvfJ3BvpBn-sV9u2ooiqvcZmE_fDaqkK0vcxm_J7mrWk-FrjU7n1PzmK4oHNcHnkqUeNcHBY1BIEDY52iL09luQ

SHE Manager, Thomson, IL <http://careers.dupont.com/jobsearch/job-details/safety-health-environmental-she-manager/011935W-01/?src=JB-10421>

<http://careers.dupont.com/jobsearch/job-details/safety-health-environmental-she-manager/011935W-01/?src=JB-10421>

EHS Manager 931, Davenport, IA

<https://www.indeed.com/viewjob?jk=00d857b9597ebfd4&q=safety&l=52803&tk=1b5c9afo6avfb8fu&from=web>

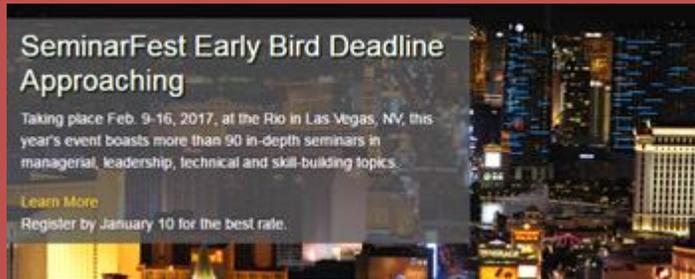
Assistant Safety Director, DeWitt, IA

<https://www.indeed.com/viewjob?jk=36711679974c3d39&q=safety&l=52803&tk=1b5c9afo6avfb8fu&from=web>

HSE Manager, Muscatine, IA

https://m21.ultipro.com/STA1011/JobBoard/JobDetails.aspx?_ID=*15D07CCBBEBA95D4&_jbsrc=81BD05D9-0BE5-4BEB-A4F1-2F2BDDA33A1E

See more job listings like these on the members' only page located at <http://members.asse.org> or <http://qc.asse.org>



SeminarFest Early Bird Deadline Approaching

Taking place Feb. 9-16, 2017, at the Rio in Las Vegas, NV, this year's event boasts more than 90 in-depth seminars in managerial, leadership, technical and skill-building topics.

[Learn More](#)

Register by January 10 for the best rate.



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Registration is open

UPCOMING Live Events

[Highlights of the 2016 ANSI/ASSE Z244.1 Standard: Lockout, Tagout and Alternative Methods](#) Includes a Live Event on 01/11/2017 at 12:00 PM (EST)

Wednesday, January 11th - Join us for a live webcast addressing the new revision and the impact the standard will have on programs addressing the control of hazardous energy. Todd Grover of Master Lock will be our speaker and is also a member of the ANSI/ASSE Z244 Committee.

[Why Safety Tools and Checklists Aren't Enough to Save Lives](#) Includes a Live Event on 01/19/2017 at 12:00 PM (EST) Wednesday, January 19, 2017 - This session describes new research that shows the role psychological safety plays in workplace safety.

[A Shifting Paradigm: Systems Thinking About Human Error - An ASSE Virtual Symposium Contains 4 Component\(s\)](#) Includes a Live Event on 01/23/2017 at 10:00 AM (EST) January 23-24, 2017

[CONFINED SPACE SAFETY-PALOOZA - An ASSE Live Webcast Double-Feature! Contains 5 Component\(s\)](#), 0.40 credits offered includes a Live Event on 01/25/2017 at 11:00 AM (EST) Wednesday, January 25, 2017: Then join Terry Krug, Travis Parsons, and Wayne Creasap as they discuss, compare and answer your questions concerning the new ANSI Z117.1 "Safety Requirements for Entering Confined Spaces" standard AND the new ANSI A10.43 "Confined Spaces in Construction" standard!

[Strategies for Compliance with OSHA's Final Walking-Working Surfaces and Fall Protection Standards](#) Includes a Live Event on 02/08/2017 at 12:00 PM (EST)

Wednesday, February 8, 2017 - Chances are your industry is one that is affected by OSHA's new walking-working surfaces rule. While providing more flexibility of choice of fall protection, OSHA estimates the new rule will prevent 29 fatalities and over 5,000 lost-workday injuries every year. This session will ensure you understand the new rule and the options available to your employer for compliance and success.

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activities.**

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