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If you would like to have an article featured in the OCASSE Vanguard Newsletter please send your request to [Jason.Townsell](mailto:Jason.Townsell@ocasse.com)

Quote of the Month

"Safety applies with equal force to the individual, to the family, to the employer, to the state, the nation and to international affairs. Safety, in its widest sense, concerns the happiness, contentment and freedom of mankind."

— William M. Jeffers, former President, Union Pacific Railroad Co. (1946)



June 3-6, 2018 | San Antonio, TX
Register by April 13 to save!

Leadership in Risk Assessment



A new video from the ASSE Risk Assessment Institute explores where leadership can have the greatest impact on risk assessment, as well as how to prioritize resources for success. Click the banner to begin.

President's Message

Happy March! I can't believe we are already wrapping up the first quarter of the year. This year the Orange County Chapter of the American Society of Safety Engineers (OCASSE) has hit the ground running and I need to start by talking about our Planning Development Conference (PDC). An event like the PDC does not happen overnight nor does it only take a couple of months to plan. It is a time consuming, labor intensive event that takes many moving parts to come together on one day for our members. Sharon Dressel and Azza Carmona outdid themselves this year for our membership. Bringing timely keynote speakers, four very interesting general session tracks and a wide variety of exhibitors for all industries to benefit from. For those that could not attend this year please check out website for copies of speaker's presentations. If you are interested in being on the committee for next year or want to be a speaker please email me directly kkrichmar@ehsinc.org. In February I was able to stop by the first meeting of the student section where Jesus Lozano and his board introduced mostly juniors and seniors to ASSE. For more information please read the student section update in this newsletter.

Everyone should be receiving regular copies of *Professional Safety*, Journal of the American Society of Safety Engineers. In February 2018 they made a very important announcement of the 2018 Society Elections (2018, February). 2018 Society Elections. *Professional Safety*, 63(2), 8-10. Please be sure to go back and review this issue. Voting begins March 1, 2018 and I believe that it is just one of the ways that members get a voice in what is happening at society and as region. There are a few key positions for the Board of Directors, but there is also a vote for our Area Director for Region 1, Area 3 up for grabs. To make sure your information is correct please login to your account and update your email.

On an exciting note since it was a success last year we have decided to do another OCASSE Angel's Night. Tickets for this event are ready for purchase we will be going on Saturday, May 19th to watch the Angel's take on the Tampa Bay Rays. For more information or to purchase tickets please click [here](#). Finally, just like Society we will be posting our 2018 Candidates for our 2018-2019 board by April. If you are interested in running for a position or if you want to learn more about OCASSE and the different positions I highly encourage you to attend our next Board Meeting. Our next meeting will immediately follow our Technical Meeting at the American Red Cross in Santa Ana and will begin promptly at 9:15AM. We are always looking for new members and I encourage you to attend. I have included a few photos below of our PDC in case you weren't able to make it!

Kaila Krichmar, CHST
ehs International, Inc.



CSUF Student Section Update

School has been in session for over four weeks now, and ASSE is doing better than ever before. Just a few weeks ago, we were tableting for Discoverfest. Discoverfest is an event that happens every year so clubs can recruit, and bring more members to the student organization. Over 400 clubs on campus attend the event!!!



Fast-forward to our first ASSE Student Section meeting where we had a great turn-out, and great support from our local Environmental Health and Safety Office! Here we had the chance to present about all the great things happening in ASSE. One of the highlights was getting the chance to speak about the PDC and why it is very beneficial for our students to attend the conference... Of course, wearing their new polos that we just ordered :) However, the highlight of the meeting was getting the chance to hear our OCASSE President Kaila talk about what it means to be part of ASSE. It is very empowering listening to Professionals speak about how they started their careers, and always offering all the support they can.



EHS Works



EHS Works is ASSE's blog of industry news, management tips and more.

2017 Estimates Show Vehicle Fatalities Topped 40,000 for Second Straight Year

Preliminary estimates from the National Safety Council indicate motor vehicle deaths dipped slightly – 1% – in 2017, claiming 40,100 lives versus the 2016 total of 40,327. The small decline is not necessarily an indication of progress, as much as a leveling off of the steepest two-year increase in more than 50 years.

The 2017 assessment is 6% higher than the number of deaths in 2016. If the estimate holds, it will be the second consecutive year that motor vehicle deaths topped 40,000.

About 4.57 million people were injured seriously enough to require medical attention in motor vehicle crashes in 2017, and costs to society totaled \$413.8 billion. Both figures are about 1% lower than 2016 calculations.

"The price we are paying for mobility is 40,000 lives each year," said NSC President and CEO Deborah A.P. Hersman. "This is a stark reminder that our complacency is killing us. The only acceptable number is zero; we need to mobilize a full court press to improve roadway safety." [Read More](#)



See What's New At Safety 2018!

Click The Banner Below





Looking for a job or a new opportunity in the field of safety?

One of the benefits of ASSE membership is access to open positions in the field of safety. The Orange County chapter maintains current listings of safety related positions available which may not be otherwise advertised.

Check out the new jobs posted by clicking the banner above, [click here to access ASSE's professional development page.](#)

If you have a job to post for your organization or would like more information, please email the Job Placement Director, at jobs@orangecounty.asse.org.

The Four Fields of Safety Performance

How to Eliminate Workplace Incidents By Cort Dial

Read the Four Part Series by clicking the banner below



Hold the Date!!!

2018 Joint Technical Symposium

Click the banner below for details



2018 JOINT TECHNICAL SYMPOSIUM
Wednesday, October 17, 2018
THE CARSON CENTER
801 E. Carson St., Carson, CA 90745
www.CalJTS.com
Sponsored By
AIHA – Southern California & Orange County Sections
ASSE – Long Beach & Orange County Sections

Upcoming ASSE Webinars

Machinery Safety - Virtual Symposium and Forum
March 20

Improving Human Performance and Safety
March 29

60 Minutes on 35 Microseconds: Impulse Noise from Weapons Fire
March 30



L E A R N @ A S S E

What do you want to learn today?

Cal OSHA 2017 4th Quarter Update

Cal/OSHA Health, Safety, and Administrative Rulemaking Updates

Nothing new to bring you since the 3rd quarter report from the Cal OSHA Administrative side.

Antineoplastic Drugs. Labor Code section 144.8 requires Cal/OSHA to develop a regulation to protect employees exposed to antineoplastic drugs. Advisory committee meetings were held in June 2014 and October 2015. Advisory Committee discussion drafts, supporting documentation, and meeting minutes are available at <http://www.dir.ca.gov/dosh/doshreg/Antineoplastic-Drugs/>. Cal/OSHA and Director's Office staff are preparing documents for a draft rulemaking package that is expected to be submitted to Occupational Safety and Health Standards Board (Standards Board) staff later in 2017.

Boilers and Fired Pressure Vessel Permitting Fees. Cal/OSHA and Director's Office staff are preparing an emergency rulemaking package under recent amendments to Labor Code section 7721 to implement permit fee increases.

Boilers and Fired Pressure Vessel Safety Orders. Cal/OSHA held advisory committee meetings in September 2015 and February and August 2016 and expects to send the draft rulemaking package to Standards Board staff in Spring 2018. Advisory committee discussion drafts are available at <http://www.dir.ca.gov/dosh/doshreg/Pressure-Vessel-Safety-Orders/>.

Conveyance Fee Reduction. Cal/OSHA and Director's Office staff filed an emergency rulemaking package under amendments to Labor Code section 7314. The package was approved by the Office of Administrative Law (OAL) on January 30, 2017, for an initial 180 days. A Notice of Intent to Readopt the Emergency Regulation for an additional 90 days pending formal rulemaking was approved by OAL on July 31, 2017. The fee reduction expires on October 31, 2017, and on that date the fees revert to the amount they were prior to January 30, 2017.

Elevator Safety Orders. Cal/OSHA held advisory committee meetings in April 2014 and February, April, and June 2015. DIR and DOSH have identified the draft regulation as a major regulation, and a Standardized Regulatory Impact Assessment (SRIA) was submitted on July 14, 2017, to the Department of Finance (DOF) for review and comment. DOF completed its review of the SRIA and provided comments on August 4, 2017. Cal/OSHA is responding to DOF's comments and continuing to meet with stakeholders. A draft rulemaking package is expected to be sent to Standards Board staff in 2018. Advisory committee discussion drafts are available at <http://www.dir.ca.gov/dosh/doshreg/elevators/ac-meetings.html>.

First Aid Kit Contents. In response to Petition 519, an advisory committee meeting was held on June 29, 2011. The advisory committee discussion draft, supporting documentation, and meeting minutes are available at <http://www.dir.ca.gov/dosh/doshreg/MedServFirstAid.html>. The draft proposed text and economic impact statement have been submitted to Standards Board staff for review to begin formal rulemaking.

Hotel Housekeeping. In response to Petition 526, Cal/OSHA held advisory committee meetings and the Standards Board held a public hearing on the proposal on May 18, 2017. Cal/OSHA staff reviewed and responded to all comments received. The responses were submitted to Standards Board staff on October 5, 2017. The rule-making documents are available at <https://www.dir.ca.gov/OSHSB/Hotel-Housekeeping-Musculoskeletal-Injury-Prevention.html>.

Indoor Heat. Labor Code section 6720 requires Cal/OSHA to propose an indoor heat regulation to the Standards Board by January 1, 2019. Cal/OSHA convened the first advisory committee meeting on February 28, 2017, in Oakland. A second advisory committee meeting was held in on May 25, 2017, in Ontario, CA. Cal/OSHA staff reviewed written and oral comments received during and after the advisory committee meeting and are preparing changes to the draft text. Advisory committee meeting information and documents are available at <http://www.dir.ca.gov/dosh/doshreg/Heat-illness-prevention-indoors/>.

Lead in Construction and General Industry. Three advisory meetings were held in 2015 to consider future rulemaking to update both the general industry and construction lead exposure standards in response to recommendations from the California Department of Public Health to lower the PEL for lead in addition to lowering the blood lead level requirements. The advisory meeting process started in 2011. No further advisory meetings are anticipated. Advisory committee discussion drafts, supporting documentation and meeting minutes are available at <http://www.dir.ca.gov/dosh/doshreg/5198Meetings.htm>. Cal/OSHA is preparing a standardized regulatory impact analysis (SRIA) for the Department of Finance (DOF). After DOF approves the SRIA, Cal/OSHA and Director's Office staff will revise the Initial Statement of Reasons (ISOR) accordingly. Cal/OSHA anticipates submitting a draft rulemaking package to Standards Board staff in 2018.

Marijuana (Medical). As provided in Labor Code section 147.5, Cal/OSHA convened an advisory committee on October 25, 2016, to evaluate whether there is a need to develop industry-specific regulations related to the activities of facilities issued a license pursuant to the Medical Marijuana Regulation and Safety Act (AB 243 and AB 266). Advisory committee meeting announcements and documents are available at <http://www.dir.ca.gov/dosh/doshreg/Medical-Marijuana/>. Cal/OSHA's findings and recommendations based on advisory committee input were presented to the Standards Board at their June 15, 2017, meeting in Sacramento. The Board agreed that there is no need to develop industry-specific regulations related to the activities of medical cannabis facilities at this time.

Marijuana (Recreational). As required by Labor Code section 147.6, Cal/OSHA will convene an advisory committee prior to March 1, 2018, to evaluate whether there is a need to develop industry specific regulations related to the activities of licensees under Division 10 (commencing with Section 26000) of the Business and Professions Code, including, but not be limited to, whether specific requirements are needed to address exposure to second-hand marijuana smoke by employees at facilities where on-site consumption of marijuana is permitted under subdivision (d) of Section 26200 of the Business and Professions Code, and whether specific requirements are needed to address the potential risks of combustion, inhalation, armed robberies, or repetitive strain injuries.

Minimum and Maximum Penalty Increases. The Office of Administrative Law approved Cal/OSHA's 1 CCR 100 rulemaking package to increase the maximum civil penalties set forth in 8 CCR 336 for Regulatory, General, and Repeat citations and the minimum and maximum civil penalties for Willful citations. The civil penalty increases, which were mandated by amendments to from October 2012 to December 2015. The proposed regulation was published on March 31, 2017, Labor Code sections 6427, 6429, and 6431 enacted as part of the 2017-2018 Budget Bill, took effect on September 14, 2017.

Mine Safety Orders. Cal/OSHA staff held advisory committee meetings in 2013 and 2014 and are drafting proposed revisions to the current Mine Safety Orders. Cal/OSHA expects to send a draft rulemaking package to Standards Board staff by the end of 2017. Advisory committee discussion drafts are available at <http://www.dir.ca.gov/dosh/doshreg/Mining-Safety-Orders/index.html>.

Permanent Amusement Rides Safety Orders. Cal/OSHA held advisory meetings with industry representatives in October 2015, February 2016, October 2016, and February and October 2017. Cal/OSHA expects to send a draft rulemaking package to Standards Board staff in 2018. Draft materials will be posted at <http://www.dir.ca.gov/dosh/doshreg/PAR-Safety-Orders/>.

Permissible Exposure Limits (PELs). The Health Effects Advisory Committee (HEAC) is being convened quarterly to evaluate hazardous substances and recommend exposure limits based on health effects and feasibility. The next meeting will be held in Oakland on December 12, 2017, to discuss PEL updates for methyl isobutyl ketone, hydrogen sulfide, manganese, peracetic acid, and 2-butoxyethyl acetate. Advisory committee schedule, support documentation, and meeting minutes are available at <http://www.dir.ca.gov/dosh/doshreg/5155Meetings.html>.

Specific substance rulemaking includes the following:

- **Trichloroethylene:** Cal/OSHA sent draft trichloroethylene rulemaking documents to Standards Board staff for review in April 2016 and replied to Standards Board staff comments in September 2016. Cal/OSHA is responding to additional comments received from Standards Board staff in November 2016.
- **Benzyl chloride:** On July 28, 2017, the Office of Administrative Law published a notice of proposed rulemaking to reduce the PEL for benzyl chloride from 1 part per million to 0.03 parts per million. The Standards Board held a public hearing on the proposal on September 14, 2017, and voted to adopt the proposal on October 19, 2017. The proposal is currently pending approval by the Office of Administrative Law. The rulemaking documents are available at <http://www.dir.ca.gov/OSHSB/Airborne-Contaminants-Benzyl-Chloride.html>.
- **Other substances:** Cal/OSHA is preparing a rulemaking proposal for aluminum, tetrabromoethane, n-propanol, cyclohexane, and trimellitic anhydride, which have gone through the advisory committee process. The draft rulemaking package will be sent to the Standards Board in 2018.

Portable (Temporary) Amusement Ride Inspection and Permitting Fees. Under recent amendments to Labor Code section 7904, Cal/OSHA and Director's Office staff filed an emergency rulemaking package that was approved by the Office of Administrative Law on June 29, 2017, with the emergency regulation to be in effect for 180 days. The Division is preparing to file an extension to the emergency regulations to allow additional time to complete the formal "Certificate of Compliance" rulemaking.

Process Safety Management for Petroleum Refineries. The Standards Board adopted the proposed regulation at its May 18, 2017, meeting in Oakland. The Office of Administrative Law (OAL) approved the regulation on July 27, 2017. The regulation, found in California Code of Regulations, title 8, section 5189.1, went into effect on October 1, 2017.

Recording and Reporting Occupational Injuries and Illnesses, with Anti-Discrimination

Provisions. Cal/OSHA staff drafted a proposed rulemaking package to conform to revised federal OSHA regulations (1) requiring electronic submission of Log 300 records of injuries and illnesses and (2) incorporating an existing statutory prohibition on retaliating against employees for reporting work-related injuries or illnesses. The package is currently under review within the Administration. In the meantime, California employers are not required to follow the federal requirements. Additional information is posted at <http://www.dir.ca.gov/dosh/caloshaupdates/log300-reporting.html>.

Sexually Transmitted Infections (STI). The Standards Board did not adopt the Cal/OSHA proposed standard during its February 18, 2016, meeting. Petitions 557 and 560 for new STI standards for workers in the adult film industry, filed by the AIDS Healthcare Foundation and the Free Speech Coalition, respectively, were granted by the Standards Board at its August 2016 meeting. In response to the two petitions, Cal/OSHA convened an advisory committee meeting on January 31, 2017, in Oakland. Advisory committee support documentation and meeting minutes will be available at <http://www.dir.ca.gov/dosh/doshreg/5193Meetings.htm>. More recently, Cal/OSHA has been meeting and collaborating with both petitioners to address the petitioners' concerns through education, outreach, and enforcement of existing requirements to observe universal precautions and use of barrier protection, in lieu of new rulemaking.

Tramway Safety Orders. Cal/OSHA held one advisory committee meeting and obtained further advisory input in the period 2012-16. After review by Director's Office staff, Cal/OSHA sent the draft rulemaking package to Standards Board staff on July 20, 2017. Cal/OSHA is responding to comments received from Standards Board staff on October 4, 2017. Draft materials will be posted at <http://www.dir.ca.gov/dosh/doshreg/Tramway-Safety-Orders/>.

Tunnel Safety Orders. Cal/OSHA held advisory committee meetings and obtained further advisory input in the period 2008-12, and is currently drafting proposed revisions to the current Tunnel Safety Orders. Cal/OSHA expects to send a draft rulemaking package to Standards Board staff by the end of 2017. Revising the Tunnel Safety Orders, which will include updated rules about the use of tunnel boring machines in gassy ground, is important because California is facing a big increase in subway projects and water projects involving the boring of tunnels.

Workplace Violence in General Industry. The Standards Board granted Petition 542 in December 2014 and requested that Cal/OSHA hold advisory committee meetings to assist in developing a workplace violence prevention standard for general industry. On May 29, 2015, Cal/OSHA sent the Standards Board a report discussing how benefits and lessons learned from the workplace violence in healthcare rulemaking could benefit the rulemaking process for general industry. Cal/OSHA convened an advisory committee meeting on January 12, 2017. Cal/OSHA reviewed all written and oral comments and is preparing draft text for a second advisory committee meeting to be held in 2018. Advisory committee support documentation, meeting minutes and dates for future meetings will be available at <http://www.dir.ca.gov/dosh/doshreg/Workplace-Violence-in-General-Industry/>.

Cal OSHA Standards Board

Proposed Standards

The Standards Board had no items that came before them for a public hearing at their October, November or December meetings.

Adopted Standards

Only one standard was adopted during this quarter.

Electric Power Generation, Transmission, and Distribution; Electrical Protective Equipment: Final Rule Public Hearing: 3/16/17 Adopted: 12/21/17 SUMMARY

On April 11, 2014, Federal OSHA issued a Final Rule relating to Electric Power Generation, Transmission, and Distribution and Electrical Protective Equipment with updated and new provisions that affect the General Industry Safety Orders, the Low-Voltage Electrical Safety Orders, and the High-Voltage Electrical Safety Orders. The main purpose of this rulemaking is to update the California Electrical Safety Orders to be at least as effective as the federal standards.

Federal OSHA last issued rules for the construction of transmission and distribution installations in 1972. Those provisions are out-of-date and inconsistent with the more recently promulgated general industry standards covering the operation and maintenance of electric power generation, transmission, and distribution lines and equipment. Federal OSHA revised the construction standards to make them more consistent with the general industry standards. They also revised some provisions to both construction and general industry requirements. The final rules for general industry and construction include new or revised provisions on host employers and contractors, training, job briefings, fall protection, insulation and working position of employees working on or near live parts, minimum approach distances, protection from electric arcs, deenergizing transmission and distribution lines and equipment, protective grounding, operating mechanical equipment near overhead power lines, and working in manholes and vaults. Federal OSHA also updated the standard for the design of electrical protective equipment replacing the incorporation of out-of-date consensus standards with a set of performance-oriented requirements that are consistent with the latest revisions of the relevant consensus standards. This proposal also includes new requirements for the safe use and care of electrical protective.

Advisory Committee: Employee Access to IIPP

This advisory committee is considering changes to the IIPP regulations related to employee, and other authorized agent access to the employers IIPP. The proposal is driven by both a petition and legislation. The advisory committee will be held at the following time and location (please park in the back lot): Tuesday, February 13, 2018, 9:30 a.m. – 3:30 p.m. (or until adjournment) Division of Occupational Safety and Health 2424 Arden Way Suite 450 (Multipurpose Room) Sacramento, CA 95825

<http://www.dir.ca.gov/oshsb/Employee-Access-to-IIPP-AC.html>