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Webinar Resource Guide

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Our Presenters



Jennifer Bailey, CIH Tom State Fund Senior Loss S Prevention Engineer Prev ostrate compensation insurrance Fund

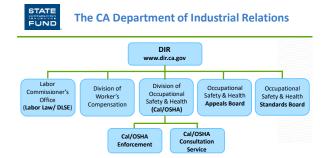


Tom Birkett, CSP, CHST State Fund Loss Prevention Engineer



What We'll Cover

- Overview of the Department of Industrial Relations & Cal/OSHA
- Injury and Illness Prevention Program (IIPP) Standard
- Newly adopted regulations
- Potential future regulations being considered
- Top 10 most frequently cited regulations for General Industry, Construction and Agriculture employers
- Resources to help you keep your employees safe and avoid citations





Cal/OSHA

Enforcement

- Conducts unannounced inspections
 - Often related to employee complaints or reports of serious accidents/fatalities
 - Programmed inspections for key hazards or industries
- Issues citations if violations of safety orders are found
 - Citations typically have fines
- · Employers may appeal citations received



Cal/OSHA

Consultation Service

- Free and confidential safety assistance
- Does not communicate with the enforcement side
- Employers must agree to correct hazards
- Administers voluntary employer recognition programs



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- New Chief Sept 2019
 Doug Parker
- COVID-19
 - Numerous new publications developed to assist employers in wide range of industries
 - industries

 Responding to complaints from employees
 - Lack of controls
 Lack of PPE
 - Fatality/serious illness investigations

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What's New at Cal/OSHA?





What is an Injury and Illness Prevention Program (IIPP)?

- Key safety program that addresses
 9 key elements of a safety
 program
- Required by Cal/OSHA for <u>every</u> employer in CA
- Must be in writing
- Regularly the most frequently cited Cal/OSHA standard

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What is an IIPP?

The required elements of an IIPP:

Procedures for each element must be summarized in writing and effectively implemented. 1. Assigned responsibility &

- accountability 2. Compliance with safe work practices
- Employee communication regarding safety matters
- 4. Hazard assessment
- 5. Hazard correction
- 6. Accident Investigation
- 7. Employee safety training
- 8. Employee access (new!)
- 9. Recordkeeping



State Fund's IIPP Builder

- Online tool to help policyholders and other employers create an IIPP
- Asks simple questions and provides guidance for each IIPP element
- Open to all employers
- Two forms of the tool

 Guest version
- Policyholder version
- www.safeatworkca.com/iipp-builder/

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Cal/OSHA Emphasis Programs

Programs for 2021

- COVID-19 outreach and enforcement
- Silica exposure in Construction and General Industry
- Heat



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New Regulations & Key Changes

- Change in definition of Serious Injury Adopted in January
- Section 342 (reporting requirements) and Section 330 (definitions)
- Serious injuries must be reported to nearest Cal/OSHA District office within 8 hours of Employer becoming away
- Definition of serious injury expanded
- Any inpatient hospitalization
- Any loss of limb/amputation, permanent
- disfigurement, loss of eye
- Now includes injuries on public roads if they occur in a construction zone



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New Regulations & Key Changes

Employee access to IIPPs, Section 3203 (a)(8) – July

- New section (a)(8)
- Employers must provide a copy of the business's IIPP to an employee or designated representative within 5 days of a request
- Employers must inform employees of their right to a copy of the IIPP and the procedure to access it.





New Regulations & Key Changes

Illumination for nighttime agriculture work – July

- Changes to sections 3441 Operation of Agricultural Equipment and 3449 Outdoor Agricultural Operations During Hours of Darkness
- Requires headlights for farm equipment used at night
- Sets minimum light standards for nighttime work
- Requires safety meetings at beginning of nighttime work shift
- Requires workers to wear high visibility vests when working at night



New Regulations & Key Changes

Tree work and use of portable power saws, Sections 3420 and 3425 – October

- Prohibits drop starting of power saws
- Prohibits starting power saws from an elevated position unless area below is clear
- Requires power saws weighing more than 15 lbs used in trees to be supported by a separate line or tool lanyard
 - Except when working from an aerial lift of during topping or removing operations where no supporting limb is available.





New Regulations & Key Changes

Key revisions or new regulations adopted in 2020

- Cranes and Derricks in Construction: Operator Qualifications, Sections 1618.1(e) April
- · Electrical work PPE, various sections April
- Fall protection in Telecommunications, Section 8615(g) April
- Process Safety Management, changes to list of acutely hazardous chemicals, Section 5189 – May
- Construction personnel hoists (construction elevators). Section 1630(a) July
- Single use toilets, 1501, 1526, 3361, 3364, 3437. 3457, and 5192 July

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Potential New Regulations

- New regulations or proposed changes to existing regulations are adopted by the Occupational Safety and Health Standards Board (OSHSB)
 - Look for meetings and advisory committee meetings on the OSHSB webpage Cal/OSHA may assist in developing
- requirements for health regulations that are then adopted by the OSHSB
 - Look for Cal/OSHA Advisory Committees on the Cal/OSHA webpage

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Proposed New Regulations

Proposed regulations being considered

- Protection from Wildfire Smoke (OSHSB) Permanent regulation to replace existing emergency regulation
- Commercial Diving Operations (OSHSB)
- Indoor heat illness prevention
- Lead in construction and general industry
- Marijuana/cannabis industry
- Electronic reporting of workplace injury and illness data
- Antineoplastic drugs (cancer treatment drugs) in healthcare © STATE COMPENSATION INSURANCE FUND



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Proposed New Regulations

Proposed regulations being considered

- Naturally occurring asbestos in construction
- Workplace violence in general industry
- Surgical plume and smoke (gases from laser cutting or burning during surgery)
- Medical services and first aid
- Unfired pressure vessel (air tanks) safety orders
- Portable (temporary) amusement ride inspection and permitting fees © STATE COMPENSATION I NSURANCE FUNE





Potential New Regulations

- To find out about potential new regulations being considered Sign up for updates from the OSHSB and Cal/OSHA
- Look for Proposed Regulations and Advisory Committee meetings on the OSHSB website
- Look at Cal/OSHA Advisory Committees meetings and Rulemaking webpage on the Cal/OSHA site - Check www.SafeAtWorkCA.com
- State Fund Webinar on workplace safety regulation adoption process to be held on Dec 09, 2020.
- See <u>www.SafeAtWorkCA.com/seminars</u>

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Audience Poll

- How do you typically find out about new or changed Cal/OSHA regulations?
 - Cal/OSHA or Standards Board website/email
 - Workers' compensation carrier
 - Broker
 - Industry association/Chamber of Commerce
 - Safety blogs or newsletters
 - I typically don't hear about new regulations



The Top 10 **Most Frequently Cited Cal/OSHA Standards** for General Industry

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

10 T8CCR Section 2340.16 Access Around **Electrical Equipment**

- 1,230 citations, \$ 269,000 in penalties
- Sufficient access and working space must be provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such equipment.
- Must maintain a minimum 3 feet of clear space in front of equipment for work space

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

9 T8CCR Section 461 Permits for Air Tanks

- 1,323 citations, \$289,000 in penalties
- Air tanks for compressors must have a permit from Cal/OSHA's Pressure Vessel Unit
 - Exception air tanks with a volume less than 1 %cubic feet that have safety valves set to open at no more than 150 psi
- Permit must be posted on or near tank
- Permits expire Reinspection required every 3 (portable tanks) or 5 years (fixed tanks)

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

#8 T8CCR Section 342 Reporting Fatalities and **Serious Injuries**

- 1,521 citations, \$5.8 Million in penalties Automatic \$5,000 penalty/instance
- Work-related fatalities or serious injuries
- must be reported to nearest Cal/OSHA district office within 8 hours
 - Know what injuries must be reported!

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

#7 T8CCR Section 5144 Respiratory Protection

- 1,528 citations, \$ 795,000 in penalties
- No written program
- No medical evaluation
- No fit testing
- Improper maintenance and care
- Improper use

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

6 T8CCR Section 6151 Fire Extinguishers

- 1,612 citations, \$ 349,000 in penalties
- Blocked access
- Not charged/in proper location
- No monthly or annual inspections
- **Employee training**





Top 10 Most Frequently Cited – General Industry

Time period: Nov 2015 - Nov 2019

- # 5 T8CCR Section 5162 Emergency Eyewashes and Showers
- 1,629 citations, \$ 3.5 Million in penalties
- Not having them when required
- Not within 10 seconds travel distance
- Not functioning/maintained
- Not activated monthly
- Blocked access



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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

#4 T8CCR Section 5194 Hazard Communication (Chemical Safety)

- 2,192 citations, \$ 779,000 in penalties
- Not having a written program
- No employee training
- No labels/unreadable labels
- No safety data sheets available



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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

3 T8CCR Section 3314 Control of Hazard Energy (Lockout/Tagout)

- 2,640 citations, \$ 13.2 Million in penalties
- Not using lockout/tagout procedures

No annual inspections of procedures

- No written procedures •
- No procedures for shift/personnel changes
- No employee training

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

2 T8CCR Section 3395 Heat Illness Prevention

- 4,210 citations, \$ 6.0 Million in penalties
- No written procedures
- Not kept onsite or not in language used by employees
- No ready access to water
- No employee or supervisor training
- No ready access to shade
- No high-heat procedures

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Top 10 Most Frequently Cited – General Industry Time period: Nov 2015 - Nov 2019

#1 T8CCR Section 3203 Injury & Illness **Prevention Program**

- 7,887 citations, \$ 8.7 Million in penalties
- No written IIPP
- Ineffective or no employee training
- Inadequate hazard assessment
- Failure to correct hazards
- Inadequate enforcement of safety rules
- Lack of records

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The Top 10 **Most Frequently Cited Cal/OSHA Standards** for Construction



Top 10 Most Frequently Cited – Construction Time period: 2017 - 2019

10 T8CCR Section 1712 Impalement Protection

- 391 citations, \$ 1.2 Million in penalties
- Uncapped vertical rebar or other impalement hazards
- Improper protection/ protection not approved
- Look for Cal/OSHA approval number on all rebar caps
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Top 10 Most Frequently Cited – Construction

9 T8CCR Section 341 Construction Permits

Time period: 2017 - 2019

394 citations, \$ 269,000 in penalties

- No permit when needed such as:
- Trenching/excavation > 5 ft deep
 - Structures > 36 feet
- Erection/placement of structural steel
 - Installation of precast panels, curtain walls, or fascia
- Not notifying Cal/OSHA when work begins

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Top 10 Most Frequently Cited – Construction

8 T8CCR Section 1670 Fall Protection Systems

- 414 citations, **\$ 2 Million in penalties**
- · Protection not used when required
- Protection not used properly
 - Employee allowed to free fall more than 6 feet
- Inadequate anchorage
- No equipment inspections 2X a year

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Top 10 Most Frequently Cited – Construction Time period: 2017-2019

7 T8CCR Section 1644 Metal Scaffolds

- 416 citations, \$ 1 Million in penalties
- No railings when above 7 ½ feet
 Not fully planked/damaged
- planks

 No base plates on scaffold legs
- Not secured to structure

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Top 10 Most Frequently Cited – Construction Time period: 2017 - 2019

6 T8CCR Section 342 Reporting Fatalities and Serious Injuries

- 464 citations, \$ 1.7 Million in penalties
- Automatic \$5,000 penalty/instanceCitations for not reporting a fatality
- or serious injury/illness
- Late reporting of an injury (> 8 hours)
 Know what injuries must be reported!
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• 570 citations, **\$ 1.5 Million in penalties**

- Not extending 3 feet above access level
- Working on top cap/plate
- No employee training
- Step ladders used in closed position
- Employees overreaching
- Climbing while carrying items



Top 10 Most Frequently Cited – Construction Time period: 2017-2019

4 T8CCR Section 3203 Injury & Illness Prevention Program

- 594 citations, \$ 960,000 in penalties
- No written IIPP
- Ineffective or no employee training
- Inadequate hazard assessment
- Failure to correct hazards
- Inadequate enforcement of safety rules
- Lack of records

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Top 10 Most Frequently Cited – Construction Time period: 2017 - 2019

3 T8CCR Section 1512 Emergency Medical Services

- 812 citations, \$ 252,000 in penalties
 No first aid trained employees/not enough trained
- No first aid kit or inadequate supplies
- No written plan



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Top 10 Most Frequently Cited – Construction

2 T8CCR Section 3395 Heat Illness Prevention

- 2,734 citations, \$ 1.9 Million in penalties
- No written procedures
 - Not kept onsite or not in language used by employees
- No ready access to water
- No employee or supervisor training
- No ready access to shade
- No high-heat procedures



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Top 10 Most Frequently Cited – Construction

1 T8CCR Section 1509 Injury & Illness

- Prevention Program for Construction
- 1,509 citations, \$ 2.1 Million in penalties
- No written IIPP
- No written Code of Safe Practices
- Code of Safe Practices not at the job site
- Tailgate safety meetings not held at least every 10 days

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Top 10 Most Frequently Cited – Agriculture

Time period: Nov 2015 - Nov 2019

10 T8CCR Section 5194 Hazard Communication (Chemical Safety)

- 85 citations, \$ 49,000 in penalties
- Not having a written program
- No employee training
- No labels/unreadable labels
 - No safety data sheets available

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The Top 10

Most Frequently Cited

Cal/OSHA Standards

for Agriculture



Top 10 Most Frequently Cited – Agriculture

Time period: Nov 2015 - Nov 2019

- **# 9** T8CCR Section 461 Permits for Air Tanks
- 92 citations, \$18,000 in penalties
- Air tanks for compressors not having a permit from Cal/OSHA's Pressure Vessel Unit
 - Exception air tanks with a volume less than 1 ½ cubic feet which have safety valves set to open at not more than 150 psi
- Permit not posted on or near tank
- Expired permit Reinspection required every 3 (portable tanks) or 5 years (fixed tanks)
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Top 10 Most Frequently Cited – Agriculture Time period: Nov 2015 - Nov 2019

8 T8CCR Section 3439 First Aid Kits (Agriculture)

- 118 citations, \$69,000 in penalties
- Not having first aid supplies available or insufficient supplies
- No employees trained in first aid or not enough employees trained



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Top 10 Most Frequently Cited – Agriculture Time period: Nov 2015 – Nov 2019

#7 T8CCR Section 5162 Emergency Eyewashes and Showers

- 128 citations, \$ 193,000 in penalties
- Not having them when required
- Not within 10 seconds travel distance
- Not functioning/maintained
- Not activating monthly
- Blocked access

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Top 10 Most Frequently Cited – Agriculture Time period: Nov 2015 – Nov 2019

6 T8CCR Section 342 Reporting Fatalities and Serious Injuries

- 130 citations, \$455,000 in penalties
- Automatic \$5,000 penalty/instance
- Citations for not reporting a deaths/serious injury or illness
- Late reporting of injuries (after 8 hours)
 Know what injuries must be reported!

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Top 10 Most Frequently Cited – Agriculture

Time period: Nov 2015 - Nov 2019

5 T8CCR Section 3441 Operation of Agricultural Equipment

- 152 citations, \$841,000 in penalties
- No employee training
- Not disconnecting power source before servicing
- Operator not ensuring everyone is clear before starting equipment
- Riders allowed on equipment

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Top 10 Most Frequently Cited – Agriculture Time period: Nov 2015 – Nov 2019

4 T8CCR Section 3314 Control of Hazard Energy (Lockout/Tagout)

- 199 citations, \$ 1.1 Million in penalties
- Not using lockout/tagout procedures
- No written procedures
- No procedures for shift/personnel changes
- No annual inspections of procedures
- No employee training





Top 10 Most Frequently Cited – Agriculture Time period: Nov 2015 – Nov 2019

3 T8CCR Section 3457 Field Sanitation for Agriculture)

- 338 citations, \$ 237,000 in penalties
- Not having separate toilet facilities for men and women
- Toilet and handwashing facilities not close to workers and each other
- No single use drinking cups
- No soap or towels for handwashing
- Restrooms unclean/no toilet paper

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Top 10 Most Frequently Cited – Agriculture

Time period: Nov 2015 - Nov 2019

2 T8CCR Section 3203 Injury & Illness Prevention Program 626 citations, \$ 711,000 in penalties

- No written IIPP
- Ineffective or no employee training
 Inadequate hazard assessment
- inadequate nazaru assessment
- Failure to correct hazards
- Inadequate enforcement of safety rules
- Lack of records





Top 10 Most Frequently Cited – Agriculture

Time period: Nov 2015 – Nov 2019

#1 T8CCR Section 3395 Heat Illness Prevention

- 1,171 citations, \$ 2.3 Million in penalties
- No written procedures
 - Not kept onsite or not in language used by employees
- No ready access to water
- No employee or supervisor training
- No ready access to shade
- No high-heat procedures

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Audience Poll

- For how many standards in the Top 10 for your industry could your organization improve compliance?
 - None. I have everything in order.
 - 1-2 standards
 - 3-4 standards
 - 5-7 standards
 - 8-9 standards
 - I could improvement with all of them!

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Why Standards are Cited Frequently?

- They often cause serious injuries or deaths to workers
 Accident-related inspections
- They generate a lot of employee complaints
- They have the potential to cause serious injury
 Cal/OSHA inspectors are trained to look for these
- Cal/OSHA inspectors are required to evaluate the hazard
- They are easy to cite

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How to Avoid Employee Injuries/Citations

- Learn about the requirements
- Review the Webinar Resource Guide & resources included
- Implement the requirements
- Train your employees
 - Document the training
 - Ensure it is understood and effective
- Maintain compliance
- Regularly check <u>www.SafeAtWorkCA.com</u> for Safety News and new resources.



Resources

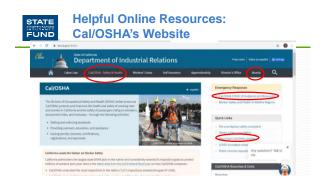
- State Fund's Safety Resource site <u>www.SafeAtWorkCA.com</u>
- Cal/OSHA website <u>https://www.dir.ca.gov/dosh/</u>
- Standards Board website <u>https://www.dir.ca.gov/oshsb/oshsb.html</u>
- CA Dept of Public Health, Occupational Health Branch <u>https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/OHB/Pages/</u> <u>OHB.aspx</u>









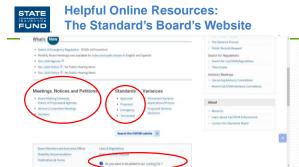


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Helpful Online Resources: Cal/OSHA's Website

		Characteristic and the second s
eatured Safety Programs		 Cal/OSHA publications
		 Consultation eTools
Adult Frantedustry	Sale Patient Handling	
Cannabis Industry Health and Safety	Tagging Guns - Health Hisks	About Cal/OSHA
Coronavirus (COVID-19) Information	Tree Work Safety	
Ebola Virus Information	 Valley Fever information 	 Contact Us
Heat Illness Prevention	 Wildfires, Wildfire Cleanup, and Rebuilding 	 Locations - Comutation offices
Respirable Crystalline Silica	Workplace Violence	 Locations - Enforcement offices
		Get Cal/OSHA email notices
ther Resources		 Cal/OSHA Jurisdiction
Attend an advisory meeting	Occupational injury and illness statistics	
Call/O'SHACKDINGKY Committee	 Federal OSHA financial special study, 2015 ^(B) 	Career Opportunities at Cal/OSHA
Cal/OSHA annual legislative reports	 Federal OSHA jurisdiction and mandated reports 	 Work for Cal/OSH4
Policies and procedures for Cal/OSHA enforcement	 State Auditor federal compliance audit for 2013-14 🗟 	Become a Field Inspector





Summary

- Having a written and effectively implemented IIPP is critical for employee safety and avoiding Cal/OSHA citations.
- For employers with employees working outdoors, effective Heat Illness Prevention Programs are also extremely important.
- Many employers receive citations and fines because they are unaware of Cal/OSHA requirements.
- Know the top 10 most frequently cited standards for your industry and be sure to put those requirements into place.
- Many resources are available to help prevent employee injuries and stay in compliance with Cal/OSHA requirements.



