

Cal/OSHA's Top 25

The Cal/OSHA Regulations Most Frequently Violated in 2016

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#1: 8 CCR 3203

- **Injury and Illness Prevention Program** (for General Industry): Every employer shall establish, implement and maintain an effective Injury and Illness Prevention Program (IIPP)... Identify the person or persons with authority and responsibility... Include a system for ensuring that employees comply with safe and healthy work practices. Include a system for communicating with employees... Training...

#2: 8 CCR 3395

- **Heat Illness Prevention:** This section applies to all outdoor places of employment. ... Provision of water...in sufficient quantity at the beginning of the work shift to provide one quart per employee per hour for drinking for the entire shift. ... Access to shade. ... cool-down rest in the shade for a period of no less than five minutes... Training. ... Supervisory Training.

#3: 8 CCR 1509

- **Injury and Illness Prevention Program** (for Construction): Every employer shall establish, implement and maintain an effective Injury and Illness Prevention Program (IIPP)...
Identify the person or persons with authority and responsibility... Include a system for ensuring that employees comply with safe and healthy work practices. Include a system for communicating with employees... Training...

#4: 8 CCR 3314

- **Clean, Repair, Service and Adjust Prime Movers, Machinery and Equipment (Lockout / Tagout):** Machinery or equipment capable of movement shall be stopped and the power source de-energized or disengaged, and, if necessary, mechanically blocked or locked out to prevent inadvertent movement, or release of stored energy during cleaning, servicing or adjusting operations.

#5: 8 CCR 5194

- **Hazard Communication:** All employers whose employees may be exposed to hazardous chemicals shall have a written Hazard Communication Program. (There are exemptions and exclusions.) Compliance includes determining hazards, having Safety Data Sheets (SDSs) for all chemicals, labels, inventories, training.

#6: 8 CCR 342

- **Reporting Injuries and Deaths:** Every employer shall report immediately...(to Cal/OSHA)...any serious injury or illness, or death... Immediately means as soon as practically possible, but not longer than 8 hours... Serious injury or illness is defined in 8 CCR 330(h).

#7: 8 CCR 5144

- **Respiratory Protection:** The primary objective shall be to prevent atmospheric contamination. This shall be accomplished...by accepted engineering control measures...
When effective engineering controls are not feasible, or while they are being instituted, appropriate respirators shall be used. ... The employer shall establish and implement a... program with worksite-specific procedures.

#8: 8 CCR 6151

- **Portable Fire Extinguishers:** The employer shall provide portable fire extinguishers and shall mount, locate and identify them so that they are readily accessible to employees without subjecting the employees to possible injury. ... The employer shall assure that portable fire extinguishers are maintained in a fully charged and operable condition and kept in their designated places at all times except during use.

#8: 8 CCR 6151 (continued)

- Extinguishers shall be subjected to an annual maintenance check. ... Where the employer has provided portable fire extinguishers for employee use in the workplace, the employer shall also provide an educational program to familiarize employees with the general principles of fire extinguisher use and the hazards involved... The employer shall provide the education upon initial employment and at least annually thereafter.

#9: 8 CCR 5162

- **Emergency Eyewash and Shower Equipment:**
Plumbed eyewash and shower equipment shall be activated at least monthly* to flush the line and to verify proper operation. ...shall be in accessible locations that require no more than 10 seconds for the injured person to reach. If both an eyewash and shower are needed, they shall be located so that both can be used at the same time by one person. The area of the eyewash and shower equipment shall be maintained free of items which obstruct their use.

#9: 8 CCR 5162 (continued)

- Plumbed or self-contained eyewash or eye/facewash equipment which meets the requirements of sections 5, 7, or 9 of ANSI Z358.1-1981, Emergency Eyewash and Shower Equipment, incorporated herein by this reference, shall be provided at all work areas where, during routine operations or foreseeable emergencies, the eyes of an employee may come into contact with a substance which can cause corrosion, severe irritation or permanent tissue damage or which is toxic by absorption. Water hoses, sink faucets, or showers are not acceptable eyewash facilities.

#10: 8 CCR 461

- **Permits for Air Tanks:** No air tank shall be operated unless a permit to operate has been issued. Operating an air tank without a permit is a misdemeanor...a separate offense for each day. The permit shall be posted under glass in a conspicuous place on or near the air tank or in a weatherproof container secured to the unit. The permit expires three or five years from the date of inspection.

#11: 8 CCR 2340.016

- **Work Space About Electrical Equipment:**
Suitable access and working space shall be provided and maintained about all electric equipment to permit ready and safe operation and maintenance of such equipment.
(typically 36 inches)

#12: 8 CCR 3276

- **Portable Ladders:** Ladders shall be selected and their use restricted to the purpose for which the ladder is designed. ... Scaffolds or other worker positioning equipment shall be used when work cannot be safely done from ladders. Ladders shall be maintained in good condition at all times... Ladders shall be inspected by a qualified person for visible defects frequently... (more)

#13: 8 CCR 1512

- **Emergency Medical Services; Construction:**
Availability of emergency medical services for employees and a suitable number of appropriately trained persons to render first aid; at least one first-aid kit in a weatherproof container; the contents of the first-aid kit shall be inspected regularly; employer shall inform all employees of the procedure to follow in case of injury or illness; emergency telephone numbers shall be posted near the job telephone; suitable facilities for drenching the body or flushing the eyes with clean water shall be conspicuously and readily accessible where necessary.

#14: 8 CCR 3650

- **Powered Industrial Truck (Forklift): General Requirements** – (Re: nameplates, modifications, attachments, fuels, atmospheres, much more.)

#15: 8 CCR 3668

- **Powered Industrial Truck (Forklift) Operator Training** – The employer shall ensure that each powered industrial truck operator is competent to operate a powered industrial truck safely, as demonstrated by the successful completion of...training and evaluation... The employer shall certify that each operator has been trained and evaluated...

#16: 8 CCR 3328

- **Machinery and Equipment** shall be of adequate design and shall not be used or operated under conditions of speeds, stresses, or loads which endanger employees. ...shall be inspected and maintained as recommended by the manufacturer... ...shall be maintained in a safe operating condition. Only qualified persons shall be permitted to maintain or repair...

#17: 8 CCR 1670

- **Personal Fall Arrest Systems, Personal Fall Restraint Systems and Positioning Devices:**
...shall be worn by those employees whose work exposes them to falling... Each personal fall arrest system shall be inspected not less than twice annually by a competent person...
(much more)

#18: 8 CCR 4650

- **Compressed Gas and Air Cylinders** - shall be stored in areas where they are protected from external heat. Indoors, cylinders shall be stored in a well-protected, well-ventilated, dry location.... Oxygen cylinders shall never be stored near highly combustible materials. Cylinders shall be stored or transported in a manner to prevent them from creating a hazard by tipping, falling or rolling.

#18: 8 CCR 4650 (continued)

- Regulators shall be removed and valve caps shall be put in place before cylinders are moved. Valve caps shall not be used for lifting cylinders. ...the valve cap has to be in place. Cylinders shall never be used as rollers or supports, whether full or empty. Cylinders must not be placed where they might form part of an electric circuit.

#19: 8 CCR 3400

- **Medical Services and First Aid** ...ready availability of medical personnel... In the absence of an infirmary...a person or persons shall be adequately trained to render first aid. Training shall be equal to that of the American Red Cross... There shall be adequate first-aid materials, approved by the consulting physician... ...suitable facilities for quick drenching or flushing of the eyes and body...

#20: 8 CCR 14300.29

- **Employer Records of Occupational Injury or Illness: Forms:** You must use Cal/OSHA 300, 300A, and 301 forms, or equivalent forms, for recordable injuries and illnesses. ... You must complete a Cal/OSHA 301 Incident Report form, or an equivalent form, for each injury or illness required to be entered on the Cal/OSHA Form 300. ...within seven (7) calendar days of receiving information that a recordable injury or illness has occurred.

#21: 8 CCR 2500.08

- **Flexible Electrical Cords and Cables – Uses Not Permitted:** Flexible cords and cables shall not be used (1) as a substitute for the fixed wiring of a structure; (2) where run through holes in walls, ceilings, or floors; (3) where run through doorways, windows or similar openings; (4) where attached to building surfaces; or (5) where concealed behind building walls, ceilings, or floors.

#22: 8 CCR 3210

- **Guardrails at Elevated Locations** - Guardrails shall be provided on all open sides of unenclosed elevated work locations...
...working levels more than 30 inches above the floor...
...42-inch guardrail...
...toeboard...

#23: 8 CCR 4002

- **Moving Parts of Machinery or Equipment:** All machines, parts of machines, or component parts of machines which create hazardous revolving, reciprocating, running, shearing, punching, pressing, squeezing, drawing, cutting, rolling, mixing or similar action, including pinch points and shear points, not guarded by the frame of the machine(s) or by location, shall be guarded.

#24: 8 CCR 1529

- **Asbestos:** Employee hazardous exposure to asbestos in construction, demolition, maintenance, etc. (much more)

#25: 8 CCR 3380

- **Personal Protective Devices:** ...of such design, strength and quality as to eliminate, preclude or mitigate the hazard. ...maintained in a safe, sanitary condition. ...reasonably comfortable... The employer shall assess the workplace... ...provide training... ...retrain... ...verify that each affected employee has received and understood the required training through a written certification... (more)

(Previous): 8 CCR 3457

- **Field Sanitation in Agricultural Operations:**
Potable drinking water... Toilet and handwashing facilities... Maintenance standards... ...reasonable opportunities during the workday to use these facilities.

(Previous): 8 CCR 1527

- **Washing Facilities** ...clean and sanitary condition; ...adequate supply of water; ...soap...single-use towels or a warm-air blower; ...any time a toilet is used, the user can readily wash; ...located outside of the toilet facility and not attached to it. ... **Food Handling** facilities and operations shall meet the applicable laws... **Temporary Sleeping Quarters**...shall be heated, ventilated, and lighted...

(Previous): 8 CCR 4300.1

- **Table Saws (Manual Feed)** - Each hand-fed table saw shall be guarded by a hood which completely encloses that portion of the saw blade above the table and that portion of the blade above the material being cut. ...a spreader shall be provided and fastened securely to the saw. ... The hood or other guard shall be so designed as to prevent a "kickback,"... Push sticks or push blocks...

(Previous): 8 CCR 3577

- **Use, Care and Protection of Abrasive Wheels:**
Protection Devices: Abrasive wheel machinery guards shall meet the design specifications of...ANSI B 7.1-1978. ... Abrasive wheels shall be provided with protection hoods or safety guards which shall be of such design and construction as to effectively protect the employee from flying fragments of a bursting wheel...

(Previous): 8 CCR 4070

- **Belt and Pulley Drive Guarding:** All moving parts of belt and pulley drives located 7 feet or less above the floor or working level shall be guarded (there are exceptions).

(Previous): 8 CCR 5193

- **Bloodborne Pathogens** - ...occupational exposure to blood or other potentially infectious materials as defined... "Blood" means human blood, human blood components, and products made from human blood. "Bloodborne Pathogens" means pathogenic microorganisms that are present in human blood and can cause disease in humans. (more)

(Previous): 8 CCR 1644

- **Metal Scaffolds** shall be designed to support the loads to which they will be subjected. No metal scaffold equipment that is broken or deteriorated to the extent that its section is structurally weakened shall be used. All stationary scaffold legs, including those of outriggers, shall rest upon base plates. Platform planks shall not be placed on guardrails to obtain greater height. ...

(Previous): 8 CCR 3241

- **General Physical Conditions and Structures: Special Design Requirements, Live Loads -**
The live loads for which each floor or portion thereof...shall have such design live loads conspicuously posted...using durable metal signs... The maximum weight of materials stored...shall not exceed their safe carrying capacity. ... Material, wherever stored, shall not create a hazard.

(Previous): 8 CCR 341

- **Permits--Excavations, Trenches, Construction and Demolition and the Underground Use of Diesel Engines in Work in Mines and Tunnels:**
(Permits from Cal/OSHA are required for certain excavation activities, use of tower cranes, certain demolition activities, and the underground use of diesel engines in mines and tunnels.)

(Previous): 8 CCR 2340.22

- **Identification of Equipment (in Electrical Installations):** Disconnecting means... shall be legibly marked.... The marking shall be of sufficient durability to withstand the environment involved.

(Previous): 8 CCR 5189

- **Process Safety Management of Acutely Hazardous Substances:** ...requirements for preventing or minimizing the consequences of catastrophic releases of toxic, reactive, flammable or explosive chemicals. ... intended to eliminate to a substantial degree, the risks to which employees are exposed in petroleum refineries, chemical plants and other facilities.

(Previous): 8 CCR 5157

- **Confined space** means a space that... Permit-required confined space (permit space) means a confined space that has one or more of the following characteristics... ..the employer shall inform exposed employees and other employees performing work in the area, by posting danger signs or by any other equally effective means... Before an employee enters the space, the internal atmosphere shall be tested... (more)

(Previous): 8 CCR 2340.23

- **Guarding Openings in Electrical Installations:**
All openings in boxes, enclosures or fittings shall be effectively guarded or closed.

Resources

- Cal/OSHA Regulations:
<http://www.dir.ca.gov/Samples/search/query.htm>
- *NOTE: All verbiage direct quotes from Cal/OSHA regulations.*
- *NOTE: As reported in the May 12, 2017, issue of the Cal/OSHA Reporter*