

Cal/OSHA Compliance Requirements*

Recordkeeping, Reporting, Posting and Permits (OR)

OR-1 Injury and Illness recordkeeping pursuant to new regulatory requirements based on the Log 300 form began on January 1, 2002 [§14300].

OR-2 Post summary of OSHA Log 300 (Form 300A for 2004 on February 1 through April 30 [29 CFR §1904.32 and 8 CCR §14300.32].

OR-3 Pressure vessel permit/renewals, including liquefied fuel gas tanks [§470], stationary and portable air pressure vessels [§461] on a 3 to 5 year basis depending on type and fired pressure vessels (boilers) annually with certain exceptions [§770].

OR-4 Construction permits for evacuations, scaffolding, three-story construction annual renewal [§341].

OR-5 Elevator permits annual renewal [§3001].

OR-6 The Carcinogen Reporting of Use Standard [§5203] requires employers that use and/or expose employees to any of the chemicals listed in O22 that are carcinogenic (all except lead) to notify Cal/OSHA using a form specified [Cal/OSHA 183A].

OR-7 Reporting within 8 hours the occurrence of a work-related fatality or single serious injury [§342(a)].

OR-8 Post forklift and industrial truck operating rules [§3664(a)0 and §3560(t)].

OR-9 Post copy of hearing conservation standard if noise levels exceed 85dBA [§5099(b)].

OR-10 Post warning signs at all confined space entry points [§5157].

Training For Employees (OT)

OT-1 Injury and illness prevention training in safe work practices and employer's program and for supervisors. Initial training mandatory for new employees; refresher training is advisable [§3203(a)(l), §1509(e) for construction].

OT-2 Emergency action plan training in emergency procedures. Initial training is mandatory for new employees; refresher training is advisable [§3220(g)].

OT-3 Fire prevention and fire extinguisher training is required for all new employees; annual refresher training is required for extinguisher users [§3221(d) and §6151(g)].

OT-4 Lockout/Tagout training is required for any new employee; refresher training is advisable or mandatory if program deficiencies are found (see OS-3) [§3314(a)].

OT-5 Designated medical emergency responders need biennial First Aid/CPR recertification by the American Red Cross [§3400(b)].

OT-6 Employees who render emergency medical care or handle blood in their work must be provided annual infection prevention training [§5193(c)(5) and (g)(2)].

OT-7 Employees who work with hazardous substances must be trained initially on hazards and protective measures during routine operations and emergencies pursuant to the Hazard Communication Standard; annual refresher training is required by the state hazardous materials law [§5194(h)].

OT-8 Chemical Specific training is required initially and annually for employees with any exposure to the following chemicals: cadmium [§5207(m)], asbestos [§5208(o)], MBOCA [§5215], Ethylene Dibromide [§52193], Acrylonitrile [§5198], Formaldehyde [§5217(n)], Benzene [§5218(j)], Ethylene Oxide [§5220(i)], Occupational Carcinogens [§5209], Methylenedianiline (MDA) [§5200, 1535], 1,3 Butadiene [§5201], Methylene Chloride [§5202], Vinyl Chloride [§5210], Coke Oven Emissions [§5211], 1,2-Dibromo-3-Chloropropane (DBCP) [§5212], Inorganic Arsenic [§5214], Chromium (VI) [§5206], Lead [§5216].

OT-9 Proposition 65 requires any employee or other person exposed to a chemical known to cause cancer and/or reproductive toxicity (list at 22 CCR §12000) to be provided a clear and reasonable warning. If not provided through OT-7 and OT-8, methods at 22 CCR §12601 should be used [§5194(b)(6)].

OT-10 Employees and supervisors must be trained on heat stress prevention prior to exposure to heat [§3395(e)].

OT-11 Industrial Truck (Forklift) Operators hired after July 15, 2001 must be trained to meet new criteria and existing operators continuously observed and training status periodically evaluated (at least every three years). Immediate refresher training is required if operating deficiencies are observed. [§3668].

OT-12 Employees exposed to occupational noise in excess of 85 dBA are required to be retrained on an annual basis [§5157 and §5099(a)].

OT-13 Employees who wear respirators must be initially and annually trained on hazards, proper fit and use of devices; annual fit testing and a periodic medical evaluation is required [§5144].

OT-14 Confined space entrants must be trained initially on safe entry procedures; refresher training is advisable [§5158].

OT-15 Confined space entry rescue teams must be retrained annually, including mandatory rescue drills [§5157(k)].

OT-16 Employees involved in battery charging must be trained initially in charging and installation procedures; refresher training is advisable [§5185].

OT-17 Process Safety Management standard requires that covered employers provide mandatory annual training of safe operating procedures, emergency procedures, process hazards and the PSM program [§5189(g)].

OT-18 Laboratory employees must be initially trained in chemical hygiene, hazards of substances used and control measures; periodic refresher training is required [§5191].

OT-19 Employees involved in emergency response activities (HazMat team) are required to have sufficient annual refresher training to ensure competence pursuant to the HAZWOPER Standard [§5192(q)(6) and (8)].

OT-20 Employees covered by the repetitive motion injuries standard must be trained [§5110(b)].

Standard requirements that are commonly applicable (OS)

OS-1 Exposure monitoring for any of the specific chemicals listed above (OT-8) is required initially and at a frequency of at least every six months thereafter, unless exposures are less than the action level.

OS-2 Annual servicing of fire protection equipment including portable fire extinguishers in addition to monthly visual inspection [§6151(e)].

OS-3 Self-audit of specific applications of the employer's lockout/tagout program (written plan, training and implementation) is required annually [§3314(h)].

OS-4 Annual audiometric examinations for employees exposed to noise levels of 85 dBA or more [§5097(c)(10)]. The standard requires mandatory hearing protection and engineered controls over 90 dBA, as well as training and hearing protection device availability.

OS-5 The respirator standard requires periodic medical surveillance for users, annual training and fit-testing, a written program, a qualified program administrator and periodic compliance audit [§5144].

OS-6 Annual certification testing of laboratory fume and bio-safety hoods to meet minimum face velocity standards [§5154.1 and .2].

OS-7 Biennial medical examinations for employees on an emergency response team pursuant to the HAZ-WOPER Standard [§5192(f)], in addition to mandatory initial and periodic training, emergency response procedures and protective equipment.

OS-8 Review of all new chemical MSDSs or revised MSDSs for new hazards, including identifying Proposition 65 required warnings not previously provided [§5194]. The Hazard Communication Standard also requires a written program, list of covered substances, container and vessel labeling and other requirements.

OS-9 Annual inspection testing and certification of mechanical building ventilation equipment (HVAC) [§5142] and hazardous substance control systems [§5143].

OS-10 Assurance by knowledge or testing or engineered controls that employees are not exposed to airborne contaminants at levels exceeding permissible exposure limits (PELs) [§5155].

OS-11 The Repetitive Motion Injuries Ergonomics Standard requires employers to determine if more than one employee has experienced a diagnosed repetitive motion injury from the same work activity within a year. If so, the requirements of the standard must be implemented including: workplace assessment, preventive measures, employee training and recordkeeping [§5110].

OS-12 Heat Stress Standard requires employers to implement heat illness prevention at all outdoor places of work [§3395].

OS-13 Bloodborne Pathogen Standard requires a documented exposure determination, written exposure control plan, hepatitis vaccinations, training and proper medical waste disposal. [§5193].

OS-14 Personal protective equipment including head, eye and face, hand, body and feet should be based on a hazard evaluation documented as part of the employers IIPP [§3203 and §§3380 - 3386].

OS-15 Injury & Illness Prevention Standard requires in addition to a written program, periodic scheduled inspections and ongoing hazard evaluations of new or changed tasks/conditions [§3203].

OS-16 Laboratories are generally exempt from the Hazard Communication Standard, but subject to the Exposure to Hazardous Substances in Laboratories Standard that requires a written program, medical consultation, training and more [§5191].

OS-17 Confined spaces must be identified and posted, if entries are allowed by must be permitted or follow certain exemptions pursuant to a written program, employees designated and trained, equipment and rescuers available [§5157].

OS-18 Forklift and industrial truck standard requires triennial recertification of training and procedures for daily forklift inspections and operation [§3664].

OS-19 Process safety management standard is applicable to plants with relative high amounts of toxic chemicals or flammable substances in processes [see list_____].

Summary of Applicability and Exemptions in Selected Cal/OSHA Standards

Standard & Reference	Applicability	Exemptions
OS-10 Permissible Exposure Limits (PELs) [§5155]	If any employee may be exposed to any significant extent to an airborne contaminant or mechanical ventilation is used.	✓None generally: see laboratory standard for lab exposures.
OS-1 Chemical Protective Standards and Carcinogen Use Notifications [§§5198-5220]	<p>Could apply if any employee uses or is exposed to certain levels of any one of the following chemicals. Some exemptions are granted based on concentration of covered chemicals:</p> <ul style="list-style-type: none"> •Cotton dust •Methylene diandine •1,3-butadiene •Methylene chloride •Cadmium, Asbestos •Vinyl chloride •Coke oven emissions •Dibromo chloropropane (DBCP) •Chromium (VI) •Acrylonitrile •Inorganic arsenic •4,4-methylene (2-chloroaniline) •Lead •Formaldehyde •Benzene •Ethylene dibromide •Ethylene oxide •Chemical carcinogens listed at §5209 	<p>✓Low concentration of regulated chemical for some (usually less than 0.1%)</p> <p>✓Monitoring data if applicable, which demonstrates exposures at less than action levels for some standards.</p>
OS-5 Respiratory Protection [§5144]	Any respirator use by an employee to protect against harmful airborne contamination and agents.	✓Voluntary use of filter masks if exposure does not exceed PEL.
OS-14 Personal Protective Equipment (PPE) [§§3380-3400]	If there is any need for or use of personal protective equipment.	✓None.
OS-15 Exposure to Hazardous Substances in Laboratories [§5191]	If any employee is exposed to hazardous substances in a laboratory operation. Exceptions for test kits, manufacturing and process simulation.	✓Pre-packaged test kits only.
OS-7 Hazardous Waste Operation and Emergency Response (HAZWOPER) [§5192]	If employees are required (or reasonably expected) to respond to an emergency involving chemical or physical agent exposure.	<p>✓No emergency can occur as defined in the standard.</p> <p>✓No authorized employee emergency response.</p>
OS-13 Bloodborne Pathogens (BBP) [§5193]	If any employee is assigned to provide emergency medical response or has a recognized potential exposure to bloodborne pathogens.	✓None possibly unauthorized good Samaritan response.
OS-11 Permit Required Confined Space Entry [§5157]	If employer has any facility in which there is a confined space that contains any hazard.	✓Confined spaces are identified and posted and no entry permitted.
OS-3 Lockout/Tagout and Machinery Guarding [§§3314 and 3940 et seq.]	If any employee may be exposed to hazardous machinery motion during normal operation and servicing.	✓Extension tools exclusive use and positive de-energization (part of standard)
OS-18 Forklifts and Material Handling [§§3664-3668]	If any employee operates a forklift or industrial truck or if materials are handled in volume.	✓None.
OS-11 Repetitive Motion Injuries [§5110]	If at least two employees experience a repetitive motion injury (RMI) due to the same work within one year. Otherwise regulated under the Illness and Injury Prevention Program	✓None.
OS-4 Occupational Exposure to Noise [§§5095-5100]	If any employee's noise exposure exceeds 85 dBA average of a work shift	✓Monitoring or knowledge shows exposure less than 85 dBA
OS-14 Process Safety Management [§5189]	Employer has any of the chemicals listed over the Threshold Quantity (TQ) or a flammable material over 10,000 pounds in any process	<p>✓Storage and dispensing liquid fuels.</p> <p>✓ Use of flammable gases/liquids for combustion fuels.</p>

Standard & Reference	Applicability	Exemptions
OS-17 Permit Required Confined Space Entry [§5157]	If employer has any facility in which there is a confined space that contains any hazard.	✓ Confined spaces are identified and posted and no entry permitted.
OS-3 Lockout/Tagout and Machinery Guarding [§§3314 and 3940 et seq.]	If any employee may be exposed to hazardous machinery motion during normal operation and servicing.	✓ Extension tools exclusive use and positive de-energization (part of standard)
OS-18 Forklifts and Material Handling [§§3664-3668]	If any employee operates a forklift or industrial truck or if materials are handled in volume.	✓ None.
OS-11 Repetitive Motion Injuries [§5110]	If at least two employees experience a repetitive motion injury (RMI) due to the same work within one year. Otherwise regulated under the Illness and Injury Prevention Program	✓ None.
OS-4 Occupational Exposure to Noise [§§5095-5100]	If any employee's noise exposure exceeds 85 dBA average of a work shift	✓ Monitoring or knowledge shows exposure less than 85 dBA
OS-19 Process Safety Management [§5189]	Employer has any of the chemicals listed over the Threshold Quantity (TQ) or a flammable material over 10,000 pounds in any process	✓ Storage and dispensing liquid fuels. ✓ ✓ Use of flammable gases/liquids for combustion fuels.