

# Cal/OSHA Guidance for Construction Employers

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Construction employers must comply with Cal/OSHA regulations found in the following subchapters of [California Code of Regulations, title 8](#), chapter 4: subchapter 4 (*Construction Safety Orders*); subchapter 5 (*Electrical Safety Orders*); and subchapter 7 (*General Industry Safety Orders*). The table below allows employers and employees to access specific regulations from these subchapters, as well as useful guidance materials, ers, and other resources.



<https://www.dir.ca.gov/dosh/Construction-guide-summary.pdf>

Employers are required to comply with all Cal/OSHA regulations that apply to their operations, even if not listed below. The list is meant to assist construction employers and does not detail all Cal/OSHA requirements.

|  |                                      | Cal/OSHA Regulation  | Guidance Materials, Posters, and Other Resources  |
|--|--------------------------------------|--|---|
| Access to work levels                      |                                      | Stairways and Ladders; Aerial Devices; Platform Equipment; Elevating Employees with Lift Trucks; Construction Hoists; Ramps, Runways, Stairwells, Stairs; Elevators for Hoisting Workers; Riding on Loads; Concrete Placement  | Fed/OSHA Scissor Lifts; Aerial Lifts; Elevating Platforms   |
| Administrative Requirements                | Documents on site                    | IIPP; Permits; Respirator Program; Heat Illness Prevention Program; Fall Protection Plan; Safety Data Sheets; Certifications   | Workplace Postings; Cal/OSHA Poster; Emergency Telephone Numbers; Permits, Licenses, Certifications and Registrations; Cal/OSHA P&P Construction Permits; Hazard Communication Fact Sheet; Log 300; Cal/OSHA Forms 300; Cal/OSHA Form 300A; Cal/OSHA Form 301; Required Notifications; Fed/OSHA Sample Respirator Program; Heat Sample Procedures; Guide to Developing Your Injury and Illness Prevention Program |
|  | On Site Hazard Warnings and Postings | Cal/OSHA Poster; Code of Safe Work Practices; Emergency Numbers; Employee Access to Exposure Records; Air Tank Permits; Forklift and Tractor/Earthmoving Equipment Operating Rules; Controlled Access Zones; asbestos, lead, confined space, high voltage warning, powder-actuated tools, lasers, automatic start compressor |   |
|  | Recordkeeping                        | Log 300; Lockout/Blockout; Training and Inspection; Employee Exposures   |   |
|  | Reports and Notifications            | Serious Injury or Death; Blasting Accident; Annual Permit; Asbestos; Regulated Carcinogens; Lead   |   |
|  | Project, Annual and Operating Permit | Project/Annual; Compressor; Tower Crane; Excavation; Scaffolding >36 ft.   |   |
|  | Certifications                       | Cranes/Derricks > 3 tons; Crane Operators; Asbestos Consultant   |   |
|  | Registration and Licensing           | Asbestos; Blasting   |   |
| Aerial Devices and Elevating Work Platform |                                      | Aerial Devices and Elevating Work Platforms  | Fed/OSHA Scissor Lifts; Aerial Lifts; Platforms; NIOSH Arial Devices  |

|                                     | Cal/OSHA Regulation  | Guidance Materials, Posters, and Other Resources  |
|-------------------------------------|--|---|
| Airborne Contaminants               | General Industry; Construction   | Hazard Recognition; Asphalt   |
| Air Compressors                     | Permit to Operate; Portable Compressors  | Cal/OSHA Pressure Vessels   |
| Asbestos                            | Notification; Exposures in Construction  | Notification; Information   |
| Blasting (Abrasives/Sand)           | Ventilation and PPE Requirements   | Fed/OSHA Fact Sheet; NIOSH  |
| Device Blasting (Explosives)        | Explosives   |   |
| Carcinogens                         | Regulated Carcinogens  | Notifications   |
| Code of Safe Practices              | Code of Safe Practices; Injury and Illness Prevention Program  |   |
| Competent Person                    | Definition; Asbestos; Excavation; Silica; Cadmium; Fall Protection; Bolting/Riveting; Slab Tilt-Up; Confined Spaces        |   |
| Concrete Construction               | Placement; Masonry; Forms, Falsework, Vertical Shoring; Tilt-Up; Post Tensioning; Impalement Protection                    | Ergonomic Survival Guide; Cement Masons   |
| Confined Spaces                     | Construction Permit Confined Spaces; Other Confined Space Operations   | Fed/OSHA Confined Spaces in Construction; Residential Construction  |
| Corrosive Liquids                   | PPE; Hazcom; Eyewash   |   |
| Cranes                              | Side Boom; Cranes and Derricks; General Mechanical and Electrical Provisions   | Fed/OSHA Cranes & Derricks  |
| Demolition                          | Demolition   |   |
| Electrical                          | Low Voltage (<=600V); High Voltage   | New Requirements Effective 4/1/18   |
| Elevators, Lifts, and Hoists        | Access and Egress; Hoists  |   |
| Emergency Medical Services          | Emergency Medical Services; Low Voltage Electrical; High Voltage Electrical; Blood Borne Pathogen Education and Protection |   |
| Engine Exhaust Emission             | Internal Combustion Engines; Exhaust Emission Control  | Fed/OSHA Diesel Exhaust   |
| Erection and Construction           | Erection and Construction; Floors, Walls and Structural Steel Framed Buildings   |   |
| Ergonomics in Construction          | Repetitive Motion Injuries   | Carpenters and Framers; Cement Masons; Electricians; Laborers; Sheet Metal Workers; eTool; Fed/OSHA Electrical Contractor |
| Excavation, Trenches, and Earthwork | General Requirements; Permit; Protective Systems   | Tailgate/Toolbox Topic; Fed/OSHA Quick Card; Fed/OSHA Excavation Safety; NIOSH  |

|  | Cal/OSHA Regulation   | Guidance Materials, Posters, and Other Resources  |
|--|---|---|
| Explosion Hazards                      | Electrical; Combustible Dusts; Flammable Vapors   |   |
| Fall Protection                        | Skylights; Personal Fall Arrest, Restraint Systems and Positioning Devices; Safety Nets; Structured Steel Erection; Structured Wood Framing Systems; Roof Hazards; Fall Protection Plan; Boatswains' Chairs; Float Scaffolds; Needle-Beam Scaffolds; Suspended Scaffolds; Controlled Access Zones; New Production Residential Construction; Catch and Scaffold Platforms; Eave Barriers Railings and Toeboards; Roof Jack Systems | Fall Protection in Construction; Fed/OSHA Fact Sheets: Walls; Floor Joists; Roof Trusses; Tile Roofs; Roof Sheathing; Attics; NIOSH |
| Fire Protection and Prevention         | Fire Protection and Prevention; Portable Extinguisher Training  |   |
| First Aid                              | First-Aid Kit and Training; Blood Borne Pathogen Education and Protection   |   |
| Flaggers                               | Traffic Control; Public Streets   | California Manual on Traffic Control for Streets and Highways   |
| Flammable and Combustible Liquids      | Use of Flammable Liquids; Containers  |   |
| Forklifts                              | Industrial Trucks, Tractors, Haulage Vehicles and Earthmoving Equipment   |   |
| Forms, Falsework, and Vertical Shoring | Forms, Falsework, Vertical Shoring  |   |
| Guardrails                             | Design, Construction, Toeboards; Metal Scaffolds; Floor, Roof, Wall Openings; Skylights; Elevator Shafts  |   |
| Hazard Communication Program (HAZCOM)  | Hazard Communication; Hazardous Liquids   | Hazard Communication Fact Sheet; Fed/OSHA Pictogram Quick Card; Fed/OSHA SDS Quick Card; Fed/OSHA Label Quick Card                  |
| Heat Illness Prevention                | Outdoor Places of Employment  | Sample Procedures; Training Materials; Protecting Against Heat Illness; eTool   |
| Heavy Construction Equipment           | Repair; Lockout/Blockout; Flaggers; Traffic; General Requirements; Haulage and Earthmoving; Industrial Trucks; Operating Rules  |   |
| Hot Pipes and Surfaces                 | Contact; Leaks  |   |

|  | Cal/OSHA Regulation   | Guidance Materials, Posters, and Other Resources  |
|--|---|---|
| Housekeeping/Site Cleaning                     | Housekeeping; Piling Material   |   |
| Injury and Illness Prevention Program          | General Industry; Construction  | Workplace Injury and Illness Model Program;<br>Guide to Developing Your Injury and Illness Prevention Program;<br>Cal/OSHA P&P Section 3203 and 1509; eTool |
| Injuries and Illnesses Reporting and Recording | Occupational Injury and Illness Reports and Records   | Log 300 eTool; Cal/OSHA Form 300; Form 300A; Form 301;  |
| Ladders  | Access; Ladders; Stairways and Ladders; Outdoor Advertising Structures; Window Washing; Removal   | eTool; Fed/OSHA Fact Sheets Extension Ladder; Step Ladder   |
| Laser Equipment                                | Operation; PPE  |   |
| Lead   | General Requirements; Notification  | Fed/OSHA Fact Sheet; Lead in Construction; Notification; Form; NIOSH  |
| Lighting                                       | General Requirements  |   |
| Lock-out/Block-out Procedures                  | Cleaning, Repairing, Servicing, Setting-Up Machines; Electrical; Haulage/Earthmoving Equipment; Tags  | Tailgate/Toolbox Topic; eTool   |
| Machine Guarding                               | Moving Parts; Point of Operation  | Fed/OSHA Topic and eTool  |
| Multi-employer Worksites                       | Citable Employers and Applicability of Defense  | Cal/OSHA P&P Multi-Employer Worksite Inspections  |
| Noise  | Exposure Limits for Noise   | Occupational Noise Exposure; Hearing Loss Prevention  |
| Personal Protective Equipment                  | General PPE; Electrical; Body Protection; Noise; Respirator; Floatation; Hazardous Liquids  | Fed/OSHA Fact Sheet   |
| Pile Driving                                   | General Requirement   |   |
| Pressurized Worksites                          | General Requirements  |   |
| Qualified Person                               | Definition  |   |
| Ramps and Runways                              | General Requirements; Guardrails  |   |
| Respirators                                    | Respiratory Protection  | Respiratory Protection in the Workplace;<br>Respirator Fact Sheet   |
| Roofing Operations                             | General Requirements; Fall Protection; Railings; Roof Openings; Skylights   | Tailgate/Toolbox Topic: Slips and Falls; Tailgate/Toolbox Topic: General  |
| Scaffolds                                      | General Requirements; Various Types; Permit; Fixed and Portable Ladders; Stairways and Handrails; Mobile Ladder Stands and Scaffolds; Railings and Toeboards; Suspended Scaffolds | Fed/OSHA Fact Sheets Tube&Coupler; Guide for Supported Scaffolds  |

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|---------------------------------------|---|--|
| Silica Dust                           | Silica in Construction; Concrete and Masonry  | Granite Countertops; Fed/OSHA Fact Sheet; Drills; Grinders; Saws; Jack Hammers; Masonry Saws, Exposure Control; Silica |
| Stairways                             | Stairways; Guardrails; Handrails and Landings;  |  |
| Temporary Agencies                    | Citable Employers and Applicability of Defense  | Protecting Temporary Agency Employees  |
| Toeboards                             | Railings and Toeboards  |  |
| Toilets/Washing Facilities/Sanitation | Toilets; Washing Facilities; Water Supply   | Field Sanitation Fact Sheet  |
| Tools and Equipment                   | Powder-Actuated; Miscellaneous; Grounding; Instruction; Hazardous Locations; Guarding Moving Parts; Guarding Point of Operation; Dead-Man Switch; Concrete and Masonry; Airless Spray; Portable Power Hand Tools; Pneumatic; Pipe-Threading | OSHA Nail Gun Safety; NIOSH Nail Gun Safety; Nail Gun Safety – The Facts   |
| Traffic Control                       | Traffic Control; Flaggers; Jobsite Vehicles; Haulage and Earth Moving   | California Manual on Traffic Control for Streets and Highways  |
| Training and Tailgate Meetings        | Injury and Illness Prevention Program; Safety Instructions  | Setting up a Tailgate Meeting; Tailgate Topics; Cal/OSHA Training Instruction Requirements; Effective Training eTool   |
| Tunnels and Tunneling                 | Tunnel Safety Orders;   |  |
| Welding, Cutting, and Other Hot Work  | General Precautions; Fire Prevention; PPE; Blanket/curtain/pad approval; Body Protection; Oxygen/Fuel Gases; Arc Welding; Ventilation; Coated Metals; SDS on metal, coating, flux, rod; Hexavalent Chromium                                 | NIOSH Welding  |
| Wood Preservative Chemicals           | Exposure Control; Respirator; PPE; Arsenic and Hexavalent Chromium  |  |
| Work Over or Near Water               | General Requirements and Precautions  |  |

#### Additional Resources

- [User's Guide to Cal/OSHA](#)
- [Cal/OSHA Consultation Services](#) or Toll-free Number 1-800-963-9424.
- [Cal/OSHA Publications](#)
- [Fed/OSHA Construction Web Page](#)
- [Fed/OSHA Construction eTool](#)