

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, links, 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
Administrative Requirements	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
	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 Aerial 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; Guide to Developing Your Injury and Illness Prevention Program; 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; 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

	Cal/OSHA Regulation	Guidance Materials, Posters, and Other Resources
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](#)