

The following is a list of the instruction and training requirements contained in the Construction Safety Orders (Subchapter 4) and the General Industry Safety Orders (Subchapter 7) of Title 8, Division 1, Chapter 4 (with several references contained in Chapter 3.2) of the California Code of Regulations. Also included are references to both Competent Person and Qualified Person.

Training Topic	T8 Section	Frequency of Training	Typical Job Classification	Cal/OSHA Publication
Accident Investigation	3203(a)(7)(F)	Initial	Supervisors/Accident Investigators	Model Program(s) IIPP: For High Hazard Employers For Non-High Hazard Employers For Employers with Intermittent Employees (English& Spanish) For Employers With Intermittent Workers in Agriculture (English & Spanish) Guide to Developing IIPP
Accident Prevention Signs & Tags	3341(d)(5)	Initial	Impacted Employees	Lockout/Blockout
Acetylene Fuel & Gas Safety	1740(k)(1)	Initial	Users	
Acrylonitrile (AN)	5213(o) 5213 (appendix B)	Initial Annual	Exposed Employees Qualified Person	
Actinolite (Non-Asbestos)	5208.1	Initial Annual	Exposed Employees	
Anthophyllite (Non-Asbestos)	5208.1(n)	Initial Annual	Exposed Employees	
Agricultural & Equipment Tractors	3441(a) 3664(b)	Initial Annual	Involved Employees Operators	Agricultural - Industrial Tractors Farm Labor Contractors Guide



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Asbestos Consultant Site Surveillance Technician	341.15	Initial	Certified Persons	
Asbestos/Asbestos Awareness	1529(k)(9)(B) 5208(j)(7)(B) 1529	Initial Annual	Employees likely exposed =>PEL & those who perform Class I-IV operations	
Building Inspector Project Designer	341.16 341.17	Initial Initial	Assigned Exposed Employees Competent Person	
Cement Pipe	1529(o)(4) 341.9	Initial Annual	Qualified Person	
Class I-IV Operations	5185(a)	Initial	Assigned Employees	
Battery Handling/ Changing/Charging	3103(d)	metal	Assigned Employees	
Benzene	5218(i) & (j)(3)	Initial Annual	Exposed Employees	
Bloodborne Pathogens	5193(g)(2)	Initial Annual	Potentially Exposed Employees	A Best Practices Approach for Reducing Bloodborne Pathogens Exposure Exposure Control Plan for Bloodborne Pathogens
Boatswains Chair	1662(a)	Initial	Users	
1,3-Butadiene	5201(I)(2)	Initial Annual	Exposed Employees	



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Cadmium	5207(m)(4) 1532	Initial Annual	Exposed Employees Competent erson	
Carcinogens As Listed	5209(e)(5)	Initial	Exposed Employees	
Chemical Hygiene for Laboratories	5191(f)(2)	Initial New Hazards Refresher	Laboratory Employees	
Coke Oven Emissions	5211(t)	Initial Annual	Exposed Employees	
Compaction Equipment	4355(a)(2)	Before Use	Users	
Confined Spaces	5157(g) 5158(c)(2) 3463(b)(5)(B)	Initial Program Update Changes	Affected Employees Exposed Employees	Confined Space: Is It Safe To Enter?
Marine Terminal Ops.				
Training Topic	T8 Section	Frequency of Training	Typical Job Classification	Cal/OSHA Publication
Control of Hazardous Energy	3314(j)	Initial	Authorized Employees	Lockout/Blockout
Cotton Dust	5190(i)	Initial Annual	Exposed Employees	
Cotton Gins/ Processing Mach.	4640		Qualified Person	
Cranes & Other Hoisting Equipment Incl. Mobile/ Tower/ Derrick	5006.1(a) 5006 4966, 4994,4999, 5000,50 04, 5031,5043, 5044	Initial Mobile & Tower Cert. @ 5 yrs	Mobile & Tower Crane Operators Qualified Person Authorized Employees	
Cranes/Hoisting Equipment - Marine Terminals	3472(d)(3)	Initial	Operators	



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Demolition	1734 1735(u) 1736		Qualified Person	
1,2 Dibromo-3-Chloropropane (DBCP)	5212(i)(3) & (n) 5212 (Appendix B)	Initial Annual	Exposed Employees Qualified Person	
Diving Operations	6052	Initial	Assigned Employees	
Elevating Work Platforms & Aerial Devices	3648(I)(7) 3648(c) 3646(c) 3638(d)	Before Use	Users Authorized Personnel	
Emergency Action Plan	3220(e)	Initial Plan Update	Impacted Employees	
Emergency Procedures (Construction)	1512(d)	Initial	Assigned Employees	
Equipment & Machinery (Construction)	1510(b)	Initial	Qualified Person	
Erection & Construction - Bolting/ Riveting/ Plumbing Structural Wood/ Steel Frame Steel Erection	1716 1716.1 1716.1(f)(1) 1716.2(j) 1710	Initial	Assigned Employees Competent Person Qualified Person	Pocket Guide for the Construction Industry (English /Spanish)



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Ergonomics	5110(b)(3)	Initial - When Standard is Triggered	Employees in affected job classifications (identical jobs) when standard is triggered	 Back Injury Prevention Guide in the Health Care Industry for Health Care Providers Easy Ergonomics Ergonomics in Action Fitting The Task To The Person: Ergonomics for Very Small Businesses Easy Ergonomics for Desktop Computer Users
Ethylene Dibromide (EDB)	5219(j)	Initial Annual	Exposed Employees	
Ethylene Oxide	5220(j)(3) 5220 Appendix A	Initial Annual	Exposed Employees	
Excavation/ Trenching/ Shoring	1541		Competent Person	Pocket Guide for the Construction Industry
Explosives	5239 5322 5329 344.20,344.21	Initial	Assigned Employees Competent Person Licensed Blaster	
Explosives - Deteriorated	5240		Competent Person	
Training Topic	T8 Section	Frequency of Training	Typical Job Classification	Cal/OSHA Publication
Explosives Storage Magazines	5256		Competent Person	



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Fall Protection	1671.1	Initial	Affected Employees Competent Person Qualified Person	
Fall Protection - Date Palm Ops.	3458		Competent Person	
Fire Brigades (Private)	3411(c)	Initial/ Quarterly/ Annual Refresher	Assigned Employees	
Fire Extinguisher & Fire Fighting Equipment	6151(g)(1)-(2)	Initial Annual	Assigned Employees	
Fire Prevention Plan	3221(d)(1)-(2)	Initial New Hazards	Exposed Employees	
Fire Protection - Fixed Extinguishing Systems	6175(b)(10) 6181(b)(2)	Initial Annual	Employees Assigned Maintenance/Operation Exposed Employees	
Fire Protection - Standpipe & Hose System Inspection	6165(f)(2)(F)	Initial	Assigned Employees	
First Aid First Aid & CPR	3439(b) 6251(d)(2) 3400(b) 5157, 5158,5193 3421,605 2	Initial Changes Every 2 years (or as specified by cert. organization)	Assigned Employees Supervisors	
First Aid (Construction)	1512(b) & (d)	Initial Updated	Assigned Employees	
Flaggers (Traffic)	1599(f) & (g)	Initial	Assigned Employees	
Flammable Liquids/ Gasses/Vapors - Industrial Plants	5561		Qualified Person	



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Fumigation - General	5221(b)	Initial	Exposed Employees	
Formaldehyde	5217(n)	Initial Annual	Exposed Employees	
Hazard Communication	5194(b)(1)	Initial New chemicals or processes	Exposed Employees	Guide to California Hazard Communication Regulation
Hazardous Substance Containers Clean/ Repair/Alter	5166(a)	Initial	Assigned Employees	
Hazardous Waste Operations & Emergency Resp.	5192 (e) & (q)(6)	Initial Annual Refresher	Assigned Employees Qualified Person	
Hearing (Noise) Protectors Conservation	5098(a)(4) 5097(d)(5)(A)&(B) 5099(a)	Initial Retraining Initial Annual	Employees Provided Protectors All Employees Exposed to =>85 dBA TWA	
Heat Stress	3395	Initial	Exposed Employees	Protect Yourself from Heat Illness (English/Spanish)
Helicopter Operations	1901(c)	Daily Briefing	Involved Personnel	
Training Topic	T8 Section	Frequency of Training	Typical Job Classification	Cal/OSHA Publication
Industrial/Lift Trucks (Forklifts) & Tractors	3657(i) 3664(b) 3668	Initial, Annual Observed Unsafe Operation Post Accident Equipment Change Workplace Change (Operator eval. @ 3 years)	Operators	Operating Rules for Industrial Trucks Poster (English /Spanish)



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Injury & Illness Prevention Program	3203(a)(7) 1509(e)	Initial Updated	All Employees Supervisor Tailgates	Model Program(s) IIPP: For High Hazard Employers For Non-High Hazard Employers For Employers with Intermittent Employees (English& Spanish) For Employers With Intermittent Workers in Agriculture (English & Spanish) Guide to Developing IIPP
Inorganic Arsenic	5214(m)	Initial Annual	Exposed Employees	
Job Hazard(s)	3203(a)(7) 1510(a)	Before Job Assignment New Hazards	All Employees	Guide to Developing IIPP
Laboratory Safety (See Chemical Hygiene)	5191(f)	Initial New Hazards Refresher	Laboratory Employees	
Laser Equipment	1801(a)	Initial	Operators Qualified Person	
Laundry/Dry Cleaning	4494(a)	Initial Periodic	Assigned Employees	
Lead	5198(I) 1531.1(1)(1)(C)-(D)	Initial Annual	Exposed Employees/ Supervisors Exposed Employees => Action	Lead in Construction (Fact Sheet)
Lead in Construction	1532.1(I)		Level	
Lift Slab Construction	1722.1		Competent Person	
Lockout/Blockout	3314 3314(j)	Initial When Updated	Affected Employees Qualified Person	Lockout/Blockout
Machinery & Equipment	1510(b)	Before Use	Qualified Person	Lockout/Blockout



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Marine Terminals	3463(b)(5)(B) 3464(a)(1) 3462(b) & (d) 3463, 3472	Initial	Exposed Employees Supervisors Qualified Person	
Medical & Exposure Records - Access	3204(g)(1)	Initial Annual	Affected Employees	Access to Medical and Exposure Records (poster) (English / Spanish)
Metal Working (forging) Machines	4243(a)(6)	Initial	Operators/Maintenance Personnel	Power Press Safety - Tool Box Topics
4,4-Methylenebis (2- Chloroaniline) MBOCA	5215(j)	Initial Annual	Exposed Employees	
Methylene Chloride	5202(I) 5202 (Appendix A)	Initial & As Necessary	Exposed Employees Qualified Person	
Methylenedianiline	5200(k)(3) 1535	Initial Annual	Exposed Employees	
Miter Saws	4307.1(c)	Initial	Operators	
Noise Exposure	5099(a)	Initial Annual	Employees Exposed => 85dBA TWA	
Openings/Holes - Floors & Roofs	3212(b)		Qualified Person	
Paper Converting/ Printing Machines - H&-Fed Engraving Presses	4445(3)	Initial Changes	Operators/ Maintenance Personnel	
Personal Fall Arrest/Restraint Systems/	1670(b)(19)		Competent Person	
Personal Protective Equipment	3380(c)	Initial	PPE Users	
Pesticide Safety	5194(h)		Handlers & Applicators	
Pile Driving	1600		Competent Person	



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Training Topic	T8 Section	Frequency of Training	Typical Job Classification	Cal/OSHA Publication
Calif. Posting Requirements	340	Initial	All Employees	
Powder-Actuated Tools	1685(a)(1) 1689(a)	Initial	Users Qualified Person	
Power Presses	4203(a) 4203(b) 4208.1(m)(1) 4208	Initial Annual	Inspectors/Maintenance Operators PSDI Operators Qualified Person	Power Press Safety (Tailgate Topic)
Powered Platforms (Installed) for Building Maintenance	3298(a) 3296	Initial	Assigned Employees Qualified Person	
Process Safety Management	5189(g)	Initial Refresher & Supplemental Certification	Involved Employees	
Pulp, Paper & Paperboard Mills	4402	Initial	Exposed Employees	
Railroad - Signs & Signals	3333(d)	Initial	Assigned Employees	
Reinforcing Steel/ Similar Projections	1712(f)(A)		Qualified Person	
Respiratory Protection	5144(c) & (k) 5144 Appendix A 5144 Appendix C	Initial Annual	Users	Respiratory Protection in the Workplace New Respirator Regulation (Fact Sheet)
Roofing	1509(a) 1730(b)(8)-(9)	Initial	Qualified Person	Roofing Safety (Tailgate Topic)
Rope Access Equipment	3270.1(c) 3270.1	Initial Annual Refresher	Assigned Employees Qualified Person	
Rubber/ Composition Working Machines	4592		Competent Person Test/Maintenance	



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Scaffolds	1637(k)(1) 1637 1658(g)	Initial	Erectors & Dismantlers: Qualified Person		
Supervisory Safety Training	3203(a)(7)(F)	Initial Change	Supervisors		
Tanks - Open Surface	5154(j)(1)	Initial	Assigned Employee		
Traffic Control - Flaggers	1599(f) &(g)	Initial	Flaggers		
Tree Work General	3420(b),3421(c) 3423(a),3427 3428(a) 3458	Initial	Assigned Employees Qualified Person		
Date Palm Ops.					
Tremolite	5208.1(n)	Initial	Exposed Employees		
(Non-Asbestos)		Annual			
Vinyl Chloride	5210(j)	Initial Annual	Exposed Employees		
Welding & Cutting Safety - Hot Work	4799 4848(a) 1537(a)	Initial	Welders Fire Watchers Qualified Person		
Wheels or Rims - Servicing	3326(c)	Initial	Service Personnel	Servicing Single, Split Rim & Multi- Piece Rim Wheel (Tailgate Topic)	
Window Cleaning	3282(d) & (f) 3286(a)(2)	Initial	Assigned Employees		
	Qualified Person A qualified person is a person designated by the employer; and by reason of training, experience, or instruction has demonstrated the ability to perform safely all assigned duties; &, when required is properly licensed in accordance with federal, state, or local laws and regulations. Examples: Mobile Crane & Tower Crane Operators 5006.1(a) Scaffold Erection & Dismantling Supervisors 1637(k)(1) Demolition1736 Personal Fall Arrest System supervisors 1670(b)				



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While every effort has been made to ensure the accuracy of the information presented, users are cautioned to refer to Title 8 and the specific sections of interest. This list is a guide only and not meant to be a substitute for - or a legal interpretation of - the occupational safety and health standards. Users may review Title 8 Regulations at: http://www.dir.ca.gov/samples/search/query.htm

Competent Person

A competent person is a person who is capable of identifying existing and predictable hazards in the surroundings or working conditions that are unsanitary, hazardous, or dangerous to employees. The competent person has the authority to impose prompt corrective measures to eliminate these hazards.

Examples:

- Excavation Inspectors 1541
- Fall Protection Plan implementers & supervisors 1671.1
- Lift Slab Construction 1522.1