

Summary of Cal/OSHA Health and Safety Training Requirements *

Revised October 2021

- Note that these are the regulatory sections requiring training, other regulations affecting work procedures may apply.
- Review the general program and training requirements that apply to all County employees in yellow (pages 1-8) and the specialty programs that apply to certain job assignments and work environments in blue (pages 9-35).
- To use the hyperlinks to the trainings, first log into Vector Solutions on Chrome. Training names are listed if hyperlinks don't work.

GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Active Threat Incidents	Employees who need to be aware of active shooting incident risks and response procedures.	In accordance with the IIPP (Cal/OSHA 8 CCR 3203), provide training on active shooting incident risk factors and response procedures. In addition, provide training on reporting methods, site-specific procedures and areas of refuge.	Follow IIPP Training Requirements		Instructor Led Training (Check Vector Solutions or by request to Risk Management) Run Hide Fight Video Vector Solutions Online DHS Options for Consideration Video Vector Solutions Online
Asbestos Notifications	All employees in buildings that have known or presumed asbestos containing materials.	California Code of Regulations Sections 25915-25919.7 Annual notification to employees about known or presumed asbestos containing materials in County buildings and facilities. Includes information on location, safety procedures, exposure prevention, and where to report concerns.	Yes	Annual	CCC – ON-LINE TRAINING – Asbestos Notification Training Vector Solutions Online
COVID-19	Ensure that workers are protected from infectious diseases like the Novel Coronavirus (COVID-19).	Cal/OSHA – 8 CCR 3205 The employer shall provide effective training and instruction to employees that includes the following: benefits, facts about COVID-19, physical distancing, handwashing, proper use of face coverings.	Yes	Ongoing as conditions change	TAILGATES – CCC COVID-19 Safety Training Tailgate Vector Solutions Online Courses – CCC COVID-19 Safety *Additionally, Site- or Unit-Specific Training is required

Summary of Cal/OSHA Health and Safety Training Requirements *

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GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Disaster Services Worker	All County employees	<p>CA Government Code Title 1, Division 4, Chapter 8, Sections 3100-3109</p> <p>All public employees employed by any county, city, state agency or public district are disaster service workers shall take and subscribe to an oath or affirmation during employment and until 5 years after termination of service to perform disaster service duties assigned by superiors or by law pursuant to the California Emergency Services Act (California Government Code Sections 8550-8551) “...to mitigate the effects of natural, manmade, or war-caused emergencies which result in conditions of disaster or in extreme peril to life, property, and the resources of the state, and generally to protect the health and safety and preserve the lives and property of the people of the state.”</p>	Follow Emergency Action Plan Training Requirements		<p>Courses – CCC Disaster Services Worker Training Video Vector Solutions Online</p> <p>TAILGATES – Disaster Services Worker Vector Solutions Online</p>
Driving	All employees that operate a County vehicle or a personal vehicle on County business	<p>In accordance with the IIPP (Cal/OSHA 8 CCR 3203), provide training on safe driving practices, County policy, emergency procedures, and incident reporting and investigation.</p> <p>In addition, provide training on safe operation of new vehicle makes and models.</p>	Follow IIPP Training Requirements		<p>Instructor Led Training (Check Vector Solutions or by request to Risk Management)</p> <p>Courses – CCC Driver Safety Training Vector Solutions Online</p>

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GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Emergency Action Plan	All employees	<p>Cal/OSHA – 8 CCR 3220(e)(1)</p> <p>Before implementing the emergency action plan, the employer shall designate and train a sufficient number of persons to assist in the safe and orderly emergency evacuation of employees.</p> <p>OSHA 1910.38 fact sheet states annual refresher.</p>	Yes	Annual	<p>Courses – CCC Emergency Evacuation Procedures – All Employees</p> <p>All Employees: Vector Solutions Online</p> <p>Courses – CCC Emergency Evacuation Procedures – Evacuation Team Members</p> <p>Evacuation Teams: Vector Solutions Online</p> <p>*Additionally, Site- or Unit-Specific Training is required</p>

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GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Ergonomics Program	Employees who engage in repetitive motions	<p>Cal/OSHA – 8 CCR 5110</p> <p>Applies to a job, process, or operation where a repetitive motion injury (RMI) has occurred to more than one employee under the following conditions:</p> <ul style="list-style-type: none"> • Work related causation. The repetitive motion injuries (RMIs) were predominantly caused (i.e. 50% or more) by a repetitive job, process or operation; • Relationship between RMIs at the workplace. The employees incurring the RMIs were performing a job, process, or operation of identical work activity. Identical work activity means that the employees were performing the same repetitive motion task, such as but not limited to word processing, assembly or loading; • Medical requirements. The RMIs were musculoskeletal injuries that a licensed physician objectively identified and diagnosed; and • 4) Time requirements. The RMIs were reported by the employees to the employer in the last 12 months but not before July 3, 1997. 	Yes		<p>Courses – CCC Office Ergonomics Awareness Training</p> <p>Vector Solutions Online</p> <p>Courses – Back Injury Prevention</p> <p>Vector Solutions Online</p> <p>Lifting: Tailgate</p>
Fire Extinguisher Use (portable)	Employee who have access to portable fire extinguishers	<p>Cal/OSHA – 8 CCR 6151(g)(1)</p> <p>Requires training in fire extinguisher use “where the employer has provided portable fire extinguishers for employee use in the workplace.”</p>	Yes	Annual	<p>Courses – Fire Extinguisher Safety</p> <p>Vector Solutions Online</p>

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GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Fire Prevention Plan	All employees	<p>Cal/OSHA – 8 CCR 3221(d)(1) & (2)</p> <p>The employer shall apprise employees of the fire hazards of the materials and processes to which they are exposed.</p> <p>The employer shall review with each employee upon initial assignment those parts of the fire prevention plan which the employee must know to protect the employee in the event of an emergency. The written plan shall be kept in the workplace and made available for employee review. For those employers with 10 or fewer employees, the plan may be communicated orally to employees and the employer need not maintain a written plan.</p>	Yes	When Plan is updated	<p>Courses – Fire Prevention Safety</p> <p>Vector Solutions Online</p>
First Aid/CPR/AED	<p>Offered free as an elective to all County employees who can take the course for lay-person knowledge and skills</p> <p>Required for employees that work in isolated locations</p>	<p>Cal/OSHA – 8 CCR 3400(b), 6251(a)</p> <p>Regulation states: “In the absence of an infirmary, clinic, or hospital, in near proximity to the workplace, which is used for the treatment of all injured employees, a person or persons shall be adequately trained to render first aid. Training shall be equal to that of the American Red Cross or the Mining Enforcement and Safety Administration.”</p> <p>Supervisors of lone workers require training.</p>	Yes	Every two years	<p>Instructor Led Training (Check Vector Solutions or by request to Risk Management)</p>

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GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Injury and Illness Prevention Program (IIPP)	All employees.	<p>Cal/OSHA – 8 CCR 3203</p> <p>Requires employers to establish an Injury and Illness Prevention Plan containing the following elements:</p> <ul style="list-style-type: none"> • Person responsible for implementing program. • Systems for ensuring employees perform safe work practices. • Method of communication of health and safety issues. • Procedures for identifying and evaluating workplace hazards. • Injury and Illness investigation procedures • Methods for correcting unsafe conditions • Training and Instruction <p>Supervisors require training in initial accident investigation training and in the hazards to which their employees are exposed.</p>	Yes	To all new employees, new job assignments, new substances or processes, or there are new hazards.	<p>Courses – CCC Office Injury and Illness Prevention Training</p> <p>Vector Solutions Online</p> <p>*Additionally, Site- or Unit-Specific Training is required</p>
Medical & Exposure Records	All Employees	<p>Cal/OSHA - 8 CCR 3204(1)</p> <p>Requires that all employees have access to their medical records, records to toxic substances or harmful physical agents and Safety Data Sheets (SDS) for chemicals or substances used in the workplace. Employees must be informed of:</p> <ul style="list-style-type: none"> • The existence, location, and availability of these records • The person responsible for maintaining and providing access to records; and • Each employee's rights of access to these records. 	Yes	Annual	<p>Covered in IIPP Training, or</p> <p>Ask Risk Management</p>

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GENERAL PROGRAM AND TRAINING REQUIREMENTS – Applicable to All County Employees					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Serious Injury and Illness Reporting to Cal/OSHA	All employees.	Cal/OSHA – 8 CCR 342 All serious injuries, illnesses, and exposures incurred by a County employee or a contractor while on a County site or work assignment, must be reported to Cal/OSHA, including illnesses that may not be work-related. Immediately (as soon as possible) but within 8 hours of employer knowledge, report to Cal/OSHA American Canyon Office (707) 649-3700, the following: <ul style="list-style-type: none">• Fatality, amputation, loss of an eye, or any serious degree of physical disfigurement• Any injury or illness which requires inpatient hospitalization for treatment other than medical observation or diagnostic testing• Any minor injury or illness which becomes a serious injury Serious Exposure means• Exposure in a degree or amount sufficient to create a realistic possibility that death or serious physical harm in the future could result Employees need this training so they can understand that the County’s responsibility to report to Cal/OSHA. Supervisors require this training so they understand how to complete the Serious Injury and Illness Reporting Form and perform the reporting requirements if their employees are ill, injured, or exposed on the job.	Follow IIPP Training Requirements		Courses – CCC Serious Injury and Illness Reporting Vector Solutions Online Form and Instructions on the Risk Management Intranet
Slips/Trips	General working areas for employees	Cal/OSHA – 8 CCR 3273 In accordance with the IIPP (Cal/OSHA 8 CCR 3203), provide training on slip, trip and fall hazards, including safe work practices, correcting and reporting hazards, and keeping hazardous areas safe until they can be repaired or corrected.	Follow IIPP Training Requirements		Courses – Slips, Trips and Falls Prevention Vector Solutions Online

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Program	Program Covers	Requirements	Training Requirement		Training Availability
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Wildfire Smoke	Employees who work at most outdoor workplaces where the current Air Quality Index (current AQI) for airborne particulate matter 2.5 micrometers or smaller (PM2.5) is 151 or greater	Cal/OSHA – 8 CCR 5141.1 Protection from Wildfire Smoke Information to Be Provided to Employees (Mandatory) Supervisors require additional training	Yes	Annual County Required	Courses – CCC Wildfire Smoke Safety for Employees For all employees: Vector Solutions Online Courses – CCC Wildfire Smoke Safety for Supervisors and Managers Additional training for Supervisors: Vector Solutions Online
Workplace Postings	All employees	Cal/OSHA – 8 CCR 340 All required Cal/OSHA postings are posted in the work area. http://www.dir.ca.gov/wpnodeb.html	Yes	Update posting annually	Ask Risk Management
Workplace Violence Prevention	Employees working with high-risk populations or in areas with a potential for workplace violence situations	In accordance with the IIPP (Cal/OSHA 8 CCR 3203), provide training on workplace violence and security hazards, including types, prevention, de-escalation, reporting, investigating, and correcting incidents. County Administrative Bulletin 434	Follow IIPP Training Requirements		Instructor Led Training (Check Vector Solutions or by request to Risk Management)

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SPECIALITY PROGRAMS AND TRAININGS – Read through for Department Applicability					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Accident Prevention Signs & Tags	Employees that use various accident prevention tags to identify hazardous conditions	Cal/OSHA - 8 CCR 3341(d)(5) All employees shall be informed as to the meaning of the various signs and tags used throughout the workplace and what special precautions are necessary. In addition, sign and tag training may be associated with specific programs like bloodborne pathogen, LOTO, etc.	Yes		Ask Risk Management
Acetylene	Employee/ personnel who perform welding operations that utilize acetylene gas	Cal/OSHA - 8 CCR 1740(k)(1) The employer shall instruct employees in the safe use of fuel gas.	Yes		Ask Risk Management
Acrylonitrile (AN)	Employees who are potentially exposed to Acrylonitrile concentrations exceeding the permissible exposure limit (PEL)	Cal/OSHA - 8 CCR 5213 The employer shall institute a training program for, and assure the participation of, all employees exposed to AN above the action level, all employees whose exposures are maintained below the action level by engineering and work practice controls, and all employees subject to potential skin or eye contact with liquid AN.	Yes	Annual	Ask Risk Management
Aerial Devices (boom lifts)	Employees who utilize boom lifts as part of their operation	Cal/OSHA - 8 CCR 3648(l)(7) Both the driver and/or the elevated employee have been specifically trained for this type of work (towering) in accordance with the manufacturer's recommendations.	Yes		Instructor Led Training (by request to Risk Management)
Aerial Devices and elevating work platforms	Employees utilizing elevated work platforms as part of their operation	Cal/OSHA - 8 CCR 3638(d) Employees shall be instructed in the proper use of the platform.	Yes		Instructor Led Training (by request to Risk Management)

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Program	Program Covers	Requirements	Training Requirement		Training Availability
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Aerosol Transmissible Disease	Employees who are at higher risk of contracting Aerosol Transmissible Disease (ATDs) which are often also known as airborne communicable diseases.	Cal/OSHA - 8 CCR 5199 Workers in occupations who are exposed to high-risk environments or populations that are at increased risk of contracting tuberculosis, SARS, and other infectious diseases which are spread through respiratory secretions which are exhaled or expelled through coughing, sneezing, etc. Infection control professionals empirically categorize diseases which are transmitted by aerosols (ATDs) into two categories, those requiring droplet precautions, such as pertussis, diphtheria, mumps and meningococcal disease, and those requiring airborne infection isolation, such as tuberculosis, SARS, smallpox, and measles.	Yes	Annual	Courses – Aerosol Transmissible Diseases Vector Solutions Online *Additionally, Site- or Unit-Specific Training is required
Agricultural/ Electrical Safety	Employees who operate agricultural equipment around high voltage power lines	Cal/OSHA - 8 CCR 3455(b) Electrically conductive poles shall not be used for fruit picking or nut-knocking. Employees using other conductive tools or equipment to perform duties such as pruning, harvesting and the handling of irrigation pipe in areas where such tools or equipment could come into contact with overhead high-voltage electrical lines shall not be assigned such work until they are instructed in the hazards associated with working in proximity to energized high-voltage electrical lines (i.e., serious bodily injury or death from accidental contact or near-contact with energized electrical lines). The instruction shall include the use of tools, equipment and work practices necessary to perform work safely and maintain the appropriate clearances specified in subsection (c).	Yes		Ask Risk Management

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Agricultural/ Industrial Tractors	Employees who operate agricultural/ industrial tractors as part of their operation	<p>Cal/OSHA - 8 CCR 3664(b) Operating Rules, Cal/OSHA - 8 CCR 3441(a) Operation of Agricultural Equipment</p> <p>Every employee who operates an agricultural or industrial tractor shall be instructed in the following procedures and in any other practices dictated by the work environment. Such information shall be provided at the time of initial assignment and at least annually thereafter. Copies of these instructions, printed in a language understood by the majority of the employees, shall be conspicuously posted at a place frequented by the drivers.</p>	Yes	Annual	Ask Risk Management

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Program	Program Covers	Requirements	Training Requirement		Training Availability
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Asbestos Program and Awareness	<p>Employees who are potentially exposed to asbestos and asbestos containing materials during work activities.</p> <p>5 types of workers:</p> <ul style="list-style-type: none"> • Worker • Contractor/supervisor • Building inspector • Management planner • Project designer <p>Work types:</p> <ul style="list-style-type: none"> • Class I • Class II • Class III • Class IV 	<p>Cal/OSHA – 8 CCR 341.16, 1529, 5208</p> <p>Required for all occupational exposures or potential occupational exposures to Asbestos and Asbestos Containing Material (ACM). Prohibits asbestos exposures exceeding PEL (8-hour TWA) of 0.1 fiber/cc in air or the Excursion level (30-min) of 1 fiber/cc in air.</p> <p>2-Hour Awareness Level Training for maintenance and custodial staff doing cleaning and minor maintenance tasks where ACM may be accidentally disturbed, including:</p> <ul style="list-style-type: none"> • Background information on asbestos • Health effects of asbestos • Worker protection programs • Locations of ACM in the building • Recognition of ACM damage and deterioration • The O&M program for that building. <p>>14 hour Special O&M Training for maintenance and custodial workers doing repair or removal of a small section of damaged building materials containing ACM or ACM debris. Includes:</p> <ul style="list-style-type: none"> • The topics included in awareness training • Federal, state, and local asbestos regulations • Proper asbestos-related work practices • Descriptions of the proper methods of handling ACM, including waste handling and disposal • Respirator use, care, and fit-testing • Protective clothing donning, use, and handling • Hands-on exercises for techniques such as glovebag work and HEPA vacuum use and maintenance • Appropriate and proper worker decontamination procedures. <p>(32-40 hour) Abatement Worker Training for asbestos abatement workers.</p>	Yes	Annual	Instructor Led Training (by request to Risk Management)

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SPECIALITY PROGRAMS AND TRAININGS – Read through for Department Applicability					
Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Automatic External Defibrillator (AED)	Locations with an AED	<p>California Health and Safety Code Section 1797.196</p> <p>Location personnel are notified of the location of the AED and offered in-service training on an annual basis.</p> <p>Location personnel are encouraged to take a CPR training or certification class.</p> <p>Health Services EMS AED website: https://cchealth.org/ems/aed.php</p>	Yes	Annual	Instructor Led Training (by request to Risk Management)
Batteries (changing and charging of)	Employees who service equipment or vehicles with lead acid batteries	<p>Cal/OSHA - 8 CCR 5185(a)</p> <p>Battery charging installations shall be located in areas designated for that purpose. Employees assigned to work with storage batteries shall be instructed in emergency procedures such as dealing with accidental acid spills.</p>	Yes		Ask Risk Management
Benzene	Employees with potential to be exposed to benzene.	<p>Cal/OSHA – 8 CCR 5218</p> <p>The employer shall provide employees with information and training at the time of their initial assignment to a work area where benzene is present. If exposures are above the action level, employees shall be provided with information and training at least annually thereafter.</p>	Yes	Annual	Ask Risk Management
Bloodborne Pathogens	Employees who are potentially exposed to blood-borne pathogens; administer a portion of the bloodborne pathogen program	<p>Cal/OSHA – 8 CCR 5193(5)(c)</p> <p>The employer shall provide a training program to employees who have no prior experience in handling human pathogens. Initial work activities shall not include the handling of infectious agents. A progression of work activities shall be assigned as techniques are learned and proficiency is developed. The employer shall assure that employees participate in work activities involving infectious agents only after proficiency has been demonstrated.</p>	Yes	Annual	<p>Courses – CCC Bloodborne Pathogens Awareness</p> <p>Vector Solutions Online</p> <p>*Additionally, Site- or Unit-Specific Training is required</p>

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Chain Saws	Employees who use chain saw as part of their operation	<p>Cal/OSHA – 8 CCR 6283(m)</p> <p>Every employer shall instruct and enforce a safe practice procedure including the rules listed below:</p> <ul style="list-style-type: none"> Inspect the saw daily to assure that all handles and guards are in place and tight, all controls function properly, and the muffler is operative. Properly instruct operators on safe operation and adjustment. Always keep a firm grip on the saw. Fuel the saw only in conditions not conducive to fire hazards. Start the saw at least 10 feet away from fueling area. Start the saw only when firmly supported. Do not use engine fuel for starting fires or as a cleaning solvent. (8) Use proper methods to avoid kickbacks. 	Yes		<p>Tailgate</p> <p>* Additional hands-on training required</p>
Chemical Hygiene Plan	Employees who work in a laboratory environment	<p>Cal/OSHA – 8 CCR 5191(f)(1)</p> <p>The employer shall provide employees with information and training to ensure that they are apprised of the hazards of chemicals present in their work area. Information and training may relate to an entire class of hazardous substances to the extent appropriate.</p>	Yes	New Hazards Refresher	<p>Courses – Hazard Communication</p> <p>Vector Solutions Online</p> <p>*Additionally, Site- or Unit-Specific Training is required</p>
Compaction Equipment	Employees operating compaction equipment.	<p>Cal/OSHA – 8 CCR 4355(a)(2)</p> <p>Employees shall not be assigned or permitted to operate compaction equipment unless they have been trained and instructed in safe methods for such operation. Such training shall include the operating instructions provided by the manufacturer for each machine.</p>	Yes		<p>Ask Risk Management</p>

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Program	Program Covers	Requirements	Training Requirement		Training Availability
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Confined Spaces	Employees who work in or potentially exposed to confined spaces such as: elevators, utility tunnels, sewers, excavations	Cal/OSHA – 8 CCR 5157(g)(1) – Permit Required Confined Spaces Cal/OSHA – 8 CCR 5158(c)(2) – Other Confined Space Operations The employer shall provide training so that all employees whose work is regulated by this section acquire the understanding, knowledge, and skills necessary for the safe performance of the duties assigned under this section.	Yes		Ask Risk Management
Crane/ Hoist Safety	Employees who operate a crane/hoist as part of their operation. This program also includes the signal person.	Cal/OSHA – 8 CCR 3472(h)(1) Only those employees determined by the employer to be competent by reason of training or experience, and who understands the signs, notices and operating instructions and are familiar with the signal code in use shall be permitted to operate a crane, winch, or other power operated cargo handling apparatus, or any power operated vehicle, or give signal to the operator of any hoisting apparatus.	Yes	Retraining at 5 years	Ask Risk Management
Diving	Employees who perform diving operations.	Cal/OSHA – 8 CCR 6052 The diver shall be trained and qualified for the diving mode being used and shall have the training and experience to participate in diving activities in a safe and healthful manner.	Yes		Ask Risk Management
Electrical Safety	Employees working on or around low (<600V) or high voltage (>600V)	Cal/OSHA – 8 CCR 2299- 2974 Low voltage electrical safety workers require training at initial assignment and qualified workers at high voltage require training every three years on NFPA 70E.	Yes	Retraining on NFPA 70E every 3 years	Instructor Led Training (by request to Risk Management)

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Electronic News Gathering (ENG)	Employees/ personnel engaged in electronic news gathering operations	<p>Cal/OSHA – 8 CCR 2982(a)(2) and (b)(1)</p> <p>Safety training shall be conducted at least annually for all personnel employed in electronic news gathering operations, including, but not limited to, all elements described in subsection 2982(b).</p> <p>Employees shall be trained to understand the specific hazards associated with electrical energy in relationship to ENG vehicle operations. They shall be trained in safety-related work practices and procedural requirements as necessary to provide protection from electrical hazards. Employees shall be trained to identify and understand the relationship between electrical hazards and possible injury.</p>	Yes	Annual	Ask Risk Management
Elevating Employees w/ lift trucks	Employees who operate the lifting equipment	<p>Cal/OSHA – 8 CCR 3657(i)</p> <p>Before elevating personnel, employees shall be instructed to:</p> <ul style="list-style-type: none"> • Use a securely attached safety platform. • Make sure the lifting mechanism is operating smoothly. • Make sure that the mast is vertical. The mast shall not be tilted forward or rearward while persons are elevated. • Place truck in neutral and set parking brake. • Lift and lower smoothly and with caution. • Watch for overhead obstructions. • Keep hands and feet clear of controls other than those in use. • Never travel with personnel on the work platform other than to make minor movements for final positioning of the platform. • (9) Never sit, climb or stand on the platform guardrails or use planks, ladders or other devices to gain elevation. 	Yes	Annual	Ask Risk Management

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Elevating work platforms (scissors lifts)	Employees who perform maintenance activities using scissor lifts	Cal/OSHA – 8 CCR 3646(3)(c) Units shall be assembled and used only by personnel who have been trained in their use. Units shall be inspected for damaged and defective parts before use.	Yes	Best Practice – every 3 years	Instructor Led Training (by request to Risk Management)
Erection of Steel Structures	Employees who erect steel structures as part of their operations	Cal/OSHA – 8 CCR 1710(q)(2) & (3) Training provided by a qualified person(s) shall be provided for all employees exposed to fall hazards and special training for those performing lift rigging, connector procedures and controlled decking zone procedures.	Yes		Ask Risk Management
Ethylene Oxide (EtO)	Employees with potential to be exposed to ethylene oxide, a common sterilization agent.	Cal/OSHA – 8 CCR 5220(j)(3)(A) The employer shall provide employees who are potentially exposed to EtO at or above the action level with information and training on EtO at the time of initial assignment and at least annually thereafter.	Yes	Annual	Ask Risk Management
Excavation/ Trenching/ Shoring	Employees working in and around trenches	Cal/OSHA – 8 CCR 1541 Employees who are involved in the excavation operation and exposed to excavation operation hazards shall be trained in the excavator notification and excavation practices.	Yes		Instructor Led Training (by request to Risk Management)
Fall Protection	Employees working 30 inches or more above floor with no guardrail; on rooftops or around unguarded skylights	Cal/OSHA – 8 CCR 1670, 1671, 1671.1, 3209, 3210, 3212, 3299 Fall protection training by a competent person is required for employees exposed to fall hazards.	Yes	Changes in fall protection or gaps in employee knowledge	Instructor Led Training (by request to Risk Management)
Fire Fighting Equipment	Employees who perform firefighting duties.	Cal/OSHA – 8 CCR 6151(g)(3) & (4) NFPA Standards- Structural Fires and wildfires	Yes	Annual	Instructor Led Training (by request to Risk Management)

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Fixed (fire) Extinguishing Systems	Employees who inspect, maintain, operate or repair fixed extinguishing systems.	Cal/OSHA – 8 CCR 6175(b)(10) Employees designated to inspect, maintain, operate, or repair fixed extinguishing systems must annually review their training to keep them up to date in the functions they are to perform.	Yes	Annual	Instructor Led Training (by request to Risk Management)
Flaggers (Traffic Control)	Employees directing traffic flow	Cal/OSHA 8 – CCR 1599(g) Flaggers shall be trained (by persons with qualifications and experience necessary) in the proper fundamentals of flagging moving traffic before being assigned as flaggers and conform to the California Manual on Uniform Traffic Control Devices (MUTCD) and work site conditions, including: <ul style="list-style-type: none"> • flagger equipment which must be used, • layout of the work zone and flagging station, • methods to signal traffic to stop, proceed or slow down, • methods of one-way traffic control, • trainee demonstration of proper flagging methodology and operations, • emergency vehicles traveling through the work zone, • handling emergency situations, • methods of dealing with hostile drivers, • flagging procedures when a single flagger is used (when applicable) Flaggers that are part of a traffic control system must be <u>certified</u> by an authorized provider list available at the Caltrans website . Certification levels include Certified Flagger, Traffic Control Technician (TCT), Traffic Control Supervisor (TCS) and Safety Quality Control Manager (SQCM). CalTrans website .	Yes	Every three years	Instructor Led Training (by request to Risk Management)

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			Initial	Recurrent	
Flammable Gases, Vapors, Liquids	Employees who use flammable combustible gases, vapors, and liquids.	Cal/OSHA – 8CCR 5416-5420 Training required for the specific material and process under the Hazard Communication standard 8CCR 5194.	Follow Hazard Communication Training Requirements		Vector Solutions Online *Additionally, Site- or Unit-Specific Training is required
Forklift Safety	Employees who operate forklifts	Cal/OSHA – 8 CCR 3668(a)(1) 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 the training and evaluation specified in this subsection.	Yes	Every three years	Instructor Led Training (Check Vector Solutions or by request to Risk Management)
Formaldehyde Standard	Employees who may be exposed to formaldehyde.	Cal/OSHA – 8 CCR 5217 Applies if employees are exposed or potentially exposed to formaldehyde gas, solutions, or materials that release formaldehyde. Occupational exposures cannot exceed: <ul style="list-style-type: none"> the PEL (8-hour TWA) of 0.75 ppm in air the STEL (15 min) of 2 ppm in air 	Yes	Annual	Ask Risk Management
Fuel tanks or cylinders (compressed or liquefied) for motor vehicles and industrial trucks	Employees who utilize equipment with a fuel tank or cylinders	Cal/OSHA – 8 CCR 544(o) Each driver shall be trained in the safe use of this fuel system and be provided with a set of operating instructions. The driver's employer shall be responsible to see that this is done.	Follow Hazard Communication Training Requirements		Vector Solutions Online *Additionally, Site- or Unit-Specific Training is required
Gaseous Fire Extinguishing Systems	Employees working in areas equipped with gaseous fire extinguishing equipment	Cal/OSHA - 8 CCR 6181 Requires employee training as a safeguard where there is a possibility that employees may be trapped in or enter into atmospheres made hazardous by a carbon dioxide discharge.	Follow Emergency Action Plan Training Requirements		Instructor Led Training (by request to Risk Management)

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			Initial	Recurrent	
Hazard Communication	Employees who work with or are exposed to hazardous materials	<p>Cal/OSHA – 8 CCR 5194</p> <p>Requires employers to assess the workplace hazards of substances they produce or import, and to provide information to their employees about the hazardous substances to which they may be exposed, by means of a hazard communication program, labels and other forms of warning, material safety data sheets, and information and training.</p> <p>Applies to any hazardous substance which is known to be present in the workplace in such a manner that employees may be exposed under normal conditions of use or in a reasonably foreseeable emergency resulting from workplace operations.</p>	Yes	When new chemicals are introduced	<p>Courses – CCC Hazard Communication</p> <p>Vector Solutions Online</p> <p>*Additionally, Site- or Unit-Specific Training is required</p>
Hazardous Material Transportation	Employees shipping or receiving hazardous materials by ground or air.	<p>U.S. DOT 49 CFR 172.704(c); IATA DGR 1.5</p> <p>US DOT: Hazmat employees must receive training within 90 days, and at least once every three years thereafter.</p> <p>IATA: Hazmat employees must receive training within 90 days, and at least once every two years thereafter.</p> <p>*** Internal County hazardous material transportation operations are exempt.</p>	Yes	Every 2-3 years	Instructor Led Training (by request to Risk Management)
Hazardous Materials Business Plan	Employees who work at sites containing more than 500 pounds, 55 gallons or 200 cubic feet of hazardous materials.	<p>Chapter 6.95 California Health and Safety Code</p> <p>Law requires reporting of hazardous material inventory and location information to local emergency response agencies and employee training in spill response procedures.</p>	Yes	Annual County Requirement	<p>Classroom through Public Works Facilities</p> <p>Tailgate (by request to Risk Management)</p>
Hazardous Waste	Employees generating and handling hazardous waste	<p>22 CCR 66265.16</p> <p>Initial for generators of <1000 kg/month. Initial and an annual refresher for generators 1000+ kg/month.</p>	Yes	Annual for large quantity generators	Instructor Led Training (by request to Risk Management)

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Hazardous Waste Operations & Emergency Response	Employees responding to releases or threatened releases of hazardous substances	Cal/OSHA – 8 CCR 5192 Regulations require training for persons working on sites under clean-up by local, state or federal authorities and persons responding to hazardous material releases.	Yes	Annual	Instructor Led Training (by request to Risk Management)
Hearing Conservation	Employee exposed to high noise environments.	Cal/OSHA – 8 CCR 5097, 5099(a) Is required whenever employee occupational noise exposures equal or exceed an 8-hour time-weighted average sound level (TWA) of 85 decibels measured on the A-scale (slow response) or, equivalently, a dose of fifty percent. <ul style="list-style-type: none"> • Training updated to be consistent with changes in protective equipment and work processes • The effects of noise on hearing • The purpose of hearing protectors, the advantages, disadvantages, and attenuation of various types, and instructions on selection, fitting, use, and care • The purpose of audiometric testing, and an explanation of the test procedures. • Make copies of the standard available • Post copies of the standard in the workplace 	Yes	Annual	Courses – Hearing Conservation Vector Solutions Online *Additionally, Site- or Unit-Specific Training is required
Heat Stress	Employees who may experience heat stress	Cal/OSHA – 8 CCR 3395 All employees exposed to heat for extended periods of time, or who work alone in remote outdoor areas. Supervisors require training	Yes		Courses – CCC Heat Illness Prevention Vector Solutions Online *Additionally, Site- or Unit-Specific Training is required
Heavy Equipment Operators	Employees operating heavy equipment (haulage, earth moving equipment, bulldozers, etc.)	Cal/OSHA – 8 CCR 1541 Construction Standards Pocket Guide for the Construction Industry	Yes		Instructor Led Training (by request to Risk Management)

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Helicopter Operations	Helicopter Operations	<p>Cal/OSHA – 8 CCR 1901(c)</p> <p>A daily briefing shall be conducted prior to starting work to set forth the plan of operation for that day. This briefing shall include planning to minimize possible hazards of the day's operation and all personnel exposed shall be informed and directed as to safeguards and escape procedures.</p>	Daily briefing		Ask Risk Management
Ladder Safety	Employees using ladders as part of their operation	<p>Cal/OSHA – 8 CCR 3276(f)</p> <p>Employees shall:</p> <ul style="list-style-type: none"> • be prohibited from carrying equipment or materials which prevent the safe use of ladders • be required to face the ladder when ascending and descending • always use both hands when climbing up or down the ladder • be prohibited from using single-rail ladders • not to stand on the topcap or the step below the topcap of a stepladder <p>Supervisors require training.</p>	Yes		<p>Courses – Ladder and Scaffolding Training</p> <p>Vector Solutions Online</p>

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Lawn Mower Safety	Employees performing maintenance activities utilizing various types of power lawn mowers	<p>Cal/OSHA – 8 CCR 3563</p> <p>Training with formal instruction (lecture discussion and written material), demonstrations, and practical exercises is required for power lawn mower operators to ensure they are competent to operate the mower safely. Training should be conducted by a qualified person and include:</p> <ul style="list-style-type: none"> • Review of the manufacturer's operator's manual including operating instructions, warnings and precautions for the types of power lawn mowers the operator will be authorized to operate. • Review of the operator controls and instrumentation for safe operation of the equipment. • Review all safety devices to ensure guards and shields are kept securely in place. • The importance of surveying the terrain for hazards prior to mowing to identify obstacles in the mowing path, such as large rocks, tree stumps, soft or wet spots, and the prohibited use areas for ride-on, sit-down mowers provided in subsection (d) of this section. • Speed control, steering and maneuvering the mower. • Review of stability and rollover hazards associated with operating riding lawn mowers on surfaces, terrains or areas such as, but not limited to loading ramps, wet surfaces, slopes, and areas near drop offs, retaining walls/embankments, water or ponds, unprotected ditches, culverts, or excavations. • The use of ROPS and seatbelts for riding mowers that are equipped with ROPS. 	Yes	Refresher training when operator involved in unsafe act, incident, or new job assignment	Ask Risk Management

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Lead	Employees conducting construction and/or maintenance activities with possible lead exposures.	<p>Cal/OSHA – 8 CCR 1532.1, 5198(l)</p> <p>This training is required for employees who may be occupationally exposed to lead and includes activities such as:</p> <ul style="list-style-type: none"> • Demolition or salvage of structures where lead or materials containing lead are present • Removal or encapsulation of materials containing lead • New construction, alteration, repair or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead • Installation of products containing lead • Lead contamination/ emergency cleanup • Transportation, disposal, storage, or containment of lead or materials containing lead on the site or location at which construction activities are performed • Maintenance operations associated with the construction activities described in the regulation. <p>Employees exposed above the action level require specialty training</p> <p>Supervisors require training</p>	Yes	Annual	Ask Risk Management

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Lockout/ Tagout	Employees involved in the installation, service, maintenance or removal of any electrically or mechanically-driven machinery	<p>Cal/OSHA – 8 CCR 3314</p> <p>Applies to the installation, service, maintenance or removal of any type of machinery, equipment, components, or electrical systems in which the unexpected start-up of equipment or release of stored energy must be controlled to prevent occupational injury to employees. Requires that machinery or equipment capable of movement shall be stopped and the power source de-energized or disengaged, and, if necessary, the moveable parts shall be mechanically blocked or locked out to prevent inadvertent movement during cleaning, service or adjusting operations (unless the machinery or equipment must be capable of movement during this period in order to perform the specific task).</p> <p>Training is required for authorized employees who perform LOTO, affected employees in LOTO affected work areas or using LOTO affected equipment, and all other employees whose work areas or operations may be impacted by LOTO.</p> <p>Requires an annual audit of all LOTO procedures by an individual that is not responsible for performing the LOTO procedure in conjunction with represented authorized LOTO users. Annual review of procedure-specific responsibilities for all authorized users.</p>	Yes	Review procedure-specific responsibilities with authorized users annually after procedures are audited.	Ask Risk Management

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Machine Guarding	Employees working with machines with grinding shearing, punching, pressing, squeezing, drawing, cutting, rolling, mixing actions	<p>Cal/OSHA - 8 CCR 3940, 4184</p> <p>(a) Machines having a grinding, shearing, punching, pressing, squeezing, drawing, cutting, rolling, mixing or similar action, in which an employee comes within the danger zone shall be guarded at the point of operation in one or a combination of the ways specified in the following orders, or by other means or methods which will provide equivalent protection for the employee.</p> <p>(b) All machines or parts of machines, used in any industry or type of work not specifically covered in Group 8, which present similar hazards as the machines covered under these point of operation orders, shall be guarded at their point of operation as required by the regulations contained in Group 8.</p>	Yes		Ask Risk Management
Machine Shop Safety	Employee/ personnel engaged in machine shop activities	<p>Cal/OSHA - 8 CCR 1510</p> <p>Employees will be provided shop safety training upon employment and instructed to read the Code of Safe Work Practices. Only qualified persons will operate machinery and equipment. Where employees are subject to known job site hazards, such as, flammable liquids and gases, poisons, caustics, harmful plants and animals, toxic materials, confined spaces, etc., they shall be instructed in the recognition of the hazard, in the procedures for protecting themselves from injury, and in the first aid procedure in the event of injury.</p>	Yes		Ask Risk Management
Marine Terminals	Includes longshoring and stevedoring on land, pier, wharf and dock from the terminal gate(s) up to the pier, land, wharf or dock end of the gangway, and to all shore-based cranes or other shore-based devices used for loading of cargo on or off a vessel or ship	<p>Ca/OSHA – 8 CCR 3463(b)(5)(B); 3464(a)(1); 3462(b) &(d); 3463; 3472</p> <p>Supervisors require training</p>	Yes		Ask Risk Management

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Program	Program Covers	Requirements	Training Requirement		Training Availability
			Initial	Recurrent	
Methylene Chloride (MC)	Employees who may be exposed to methylene chloride, a known carcinogen	<p>Cal/OSHA - 8 CCR 5202(l)(1) and (2)</p> <p>The employer shall provide information and training for each affected employee prior to or at the time of initial assignment to a job involving potential exposure to MC. The employer shall ensure that information and training is presented in a manner that is understandable to the employees.</p>	Yes	Retraining as necessary to ensure understanding and when new chemicals or procedures are introduced	Ask Risk Management
Non-ionizing radiation	Employees who may be exposed to non-ionizing radiation.	<p>Cal/OSHA – 8 CCR 5085</p> <p>When exposures to radiofrequencies, microwaves, ultraviolet (UV) radiation, and static magnetic fields may exceed limits, employees must be informed of the potential hazard and protective actions.</p>	Follow IIPP Training Requirements		Ask Risk Management
Oxygen	Employees who work with bulk oxygen systems	<p>Cal/OSHA –8 CCR 5500-5509</p> <p>Employees operating and occupying locations with oxygen systems must be instructed on oxygen supply and equipment locations, operations, and emergency procedures.</p>	Follow Hazard Communication Training Requirements		Ask Risk Management
Personal Protective Equipment (PPE)	Employees who require the use of PPE as part of their operations	<p>Cal/OSHA - 8 CCR 3380 (c)</p> <p>The employer shall assure that the employee is instructed and uses protective equipment in accordance with the manufacturer's instructions. Training must cover at least:</p> <ul style="list-style-type: none"> • When PPE is necessary • What PPE is necessary • How to properly don, doff, adjust, and wear PPE • The limitations of the PPE • The proper care, maintenance, useful life and disposal of the PPE • Employees must demonstrate understanding of the training by using the PPE properly 	Yes	Retraining when employee is not using PPE properly, there are changes in PPE or procedures that previous training did not cover	Ask Risk Management

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			Initial	Recurrent	
Pesticide Safety	Employees handling pesticides	CA Department of Pesticide Regulation - 3 CCR 6724 Requires employer to have a written training program for pesticide handlers taught by a qualified individual. Training includes, but is not limited to understanding safety data sheets, PPE, pesticide hazards, decontamination, hazard communication program, medical supervision, first aid, environmental concerns, hazards to children and pregnant women, employee rights, and reporting violations.	Yes	Annual	Ask Risk Management
Power Presses	Employees using power presses	Cal/OSHA – 8 CCR 4203(a) & (b); 4208.1(m)(1) Requires inspector, maintenance workers and operators of power presses to have specific training in safe work practices. Ensures supervision is done to maintain safe work practices. Supervisor training required.	Yes		Ask Risk Management
Qualified Line Clearance Tree Trimmer	Employees who engage in tree trimming operations on or around high voltage power lines	Cal/OSHA – 8 CCR 2951 Qualification requirement: A minimum of 18 months related training and on-the-job experience and is familiar with the special techniques and hazards involved in line clearance tree trimming operations. Trainees must be under direct supervision of a qualified worker.	Yes	Annual	Ask Risk Management

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			Initial	Recurrent	
Radiation Management	Employees handling radioactive materials	<p>CA Department of Public Health California Health and Safety Code, sections 114960 through 115273 and Chapter 5, Division 1 of 17 CCR.</p> <p>Requires workplaces using radioactive materials to register sources and have a designated radiation safety officer with specific training. Requires authorized users to have training.</p> <p>Training to inform all individuals working in or frequenting any portion of a controlled area of the storage, transfer, or use of radioactive materials or of radiation in such portions of the controlled area; instruct such individuals in the health protection problems associated with exposure to such radioactive materials or radiation, in precautions or procedures to minimize exposure, and in the purposes and functions of protective devices employed. Instruct to observe, to the extent within their control, the applicable provisions of Department regulations and license conditions for the protection of personnel from exposures to radiation or radioactive materials occurring in such areas. Instruct to conduct required inspections and report promptly to the licensee or registrant any condition which may lead to or cause a violation of department regulations or license conditions or unnecessary exposure to radiation or radioactive material. Instruct in the appropriate response to warnings made in the event of any unusual occurrence or malfunction that may involve exposure to radiation or radioactive materials; and advise such individuals as to the radiation exposure reports which they may request pursuant to this section.</p>	Yes	Follow IIPP Refresher Training Requirements	Ask Risk Management

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			Initial	Recurrent	
Respiratory Protection	Employee exposed to workplace airborne contaminants and/or required to wear respirators for protection from airborne contaminants.	Cal/OSHA – 8 CCR 5144(k) Regulations require written respiratory protection program and specific employee training	Yes	Annual	Courses – CCC Respiratory Protection Vector Solutions Online Courses – CCC Filtering Facepiece Respirator (N95) Use Vector Solutions Online *Additionally, Site- or Unit-Specific Training is required
Rope Access Equipment	Employees using rope access equipment	Cal/OSHA – 8 CCR 3270.1 (c)(1) & (2) & (3) Employers shall establish safe work practices and train employees on them as well as rescue techniques. Employees will be evaluated for competence through the classroom and hands-on demonstration of skills.	Yes	Annual	Ask Risk Management
Scaffolds	Employees using scaffolds	Cal/OSHA – 8 CCR 1637, 1640-1665, 1658-1667 Scaffolds shall be provided for all work that cannot be done safely by employees standing on permanent or solid construction at least 20 inches wide, except where such work can be safely done from ladders. Scaffolds will be erected and dismantled under the supervision and direction of a qualified person. All scaffold users need training in all potential hazards (structural, fall, falling objects, electrical, and other possible hazards) and the maximum intended load and capacity.	Yes		Courses – Ladder and Scaffolding Safety Vector Solutions Online

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Seat Belts (in vehicles w/ ROPS)	Employees who operate non-DOT vehicles equipped with seat belts (industrial trucks, tractors and earth moving equipment)	Cal/OSHA – 8 CCR 3653 (a) Seat belt assemblies shall be provided on all equipment where rollover protection is installed and employees shall be instructed in their use.	Yes		Ask Risk Management
Servicing Split Rims (truck wheels)	Employees servicing truck wheels	Cal/OSHA – 8 CCR 3326(c)(1) & (2) Training shall include, at least the following elements: <ul style="list-style-type: none"> • The Accident Prevention Program of Section 3203(a). • Each employee understands, demonstrates and maintains the ability to service single, split and multi-piece rims or wheels safely, including performance of the following tasks: <ul style="list-style-type: none"> - Demounting of tires (including deflation). - Inspection and identification of the rim wheel components. - Mounting of tire (including inflation with a restraining device or other safeguard required by this section). - Use of other equipment required by this section. - Inflation of the tire when a single piece rim wheel is installed on a vehicle. - An understanding of the necessity of standing outside the trajectory both during inflation of the tire and during inspection of the rim wheel following inflation. - Installation and removal of rim wheels from the vehicle. 	Yes		Ask Risk Management

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Silica	<p>Employees using powered tools or equipment to cut, grind, core, or drill concrete or masonry materials or employees in work areas where these operations occur.</p> <p>Supervisors of employees performing these operations</p>	<p>Cal/OSHA – 8 CCR 1530.1(e), 1532.3</p> <p>Employees must be trained on the following topics prior to their assignment to jobs or work areas:</p> <ul style="list-style-type: none"> • Potential health hazards of overexposure to airborne dust generated from concrete and masonry materials, including silicosis, lung cancer, chronic obstructive lung disease (COPD) and decreased lung function. • Methods used to control employee exposures to airborne dust from concrete and masonry materials, including wet cutting, local exhaust ventilation systems, and isolation of the process from the operator or other employees by means of distance, enclosure, or other method, as applicable. • Proper use and maintenance of dust reduction systems, including the safe handling and disposal of waste materials collected in connection with their use. • The importance of good personal hygiene and housekeeping practices when working in proximity to dust from concrete and masonry materials including: <ul style="list-style-type: none"> - Not smoking tobacco products; appropriate methods of cleaning up before eating, and appropriate methods of cleaning clothes. - Avoiding, to the extent practical, activities that would contribute significantly to an employee's exposure to airborne dusts. • Supervisor training before the supervisor is assigned employees who will be cutting, grinding, drilling, or coring concrete or masonry materials, including: <ul style="list-style-type: none"> - The training required for employees - Identification of tasks which may result in employee exposure to concrete or masonry dust. - Procedures to reduce the exposure to concrete or masonry dust. 	Yes	Annual	Ask Risk Management

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Tree Work, Electrical Hazards	Employees performing line clearing operations	Cal/OSHA – 8 CCR 2982, 3423(a)(1-4) Employees engaged in tree maintenance and removal in proximity to electrical equipment and conductors, shall be instructed to consider all such equipment to be energized with potentially fatal voltages, never to be touched (contacted) either directly or indirectly.	Yes	Annual	Ask Risk Management
Tree Work, Maintenance or Removal	Employees performing tree work	Cal/OSHA – 8 CCR 3421(c) Requires employees to be trained in the proper and safe operation of equipment and PPE, pesticide and fertilizer application (is used), recognition and avoidance of electrical hazards, and identification and preventive measures relating to common poisonous plants and harmful animals.	Yes	Retraining when employee violates safe work practices, is involved in an incident, or receives a new job assignment	Ask Risk Management
Tree Work, Pruning/Trimming	Employees engaged in tree trimming and pruning operations	Cal/OSHA – 8 CCR 3427(B) Employees shall be given specialty training as qualified tree workers: <ul style="list-style-type: none"> • Safe work procedures and knowledge of the hazards applicable to tree work involving the use of cranes. • The use of personal protective equipment required for tree work. • The inspection and safe use of all climbing equipment, lines and rigging. • Crane signals and communication requirements with the crane operator as provided in Section 5001. • Instructions regarding electrical hazards as described in Section 3423. • The safe use of chain saws in tree work. • The conditions and criteria necessary to permit the use of a crane to provide access into a tree. • The handling of loads as described in Section 4999 and rigging techniques for tree work. • Effective means for controlling pedestrian and vehicular traffic. 	Yes		Ask Risk Management

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			Initial	Recurrent	
Ventilation Systems (for Laboratory Hood Operations)	Employee who use local exhaust ventilation systems to reduce potential airborne contaminants in the workplace.	<p>Cal/OSHA - 8 CCR 5154.1, 5154.2</p> <p>Ventilation systems used to control potential exposure to airborne contaminants, including chemical fume hood, biosafety cabinet spray booths.</p> <p>Training requirements for system operators include:</p> <ul style="list-style-type: none"> • Use the hood and its features safely • Determine the date of the last performance test conducted and if the hood performance met requirements. • Understand the general hood purpose, airflow characteristics, and potential for turbulent airflow and escape of hazardous substances from the hood • Know where the quantitative airflow monitor or alarm system is located on the hood and how it is used to indicate an inward airflow during hood operation. 	Yes		Ask Risk Management
Welding and Cutting Safety/ Fire Watch/ Hot Work	Employees/ personnel who are engaged in welding operations	<p>Cal/OSHA – 8 CCR 4799 (a), 4848 (a)</p> <p>Employees in charge of the oxygen or fuel-gas supply equipment including generators, and oxygen or fuel-gas distribution piping systems shall be instructed for this work before being left in charge. Rules and instructions covering the operation and maintenance of oxygen or fuel-gas supply equipment including generators, and oxygen or fuel-gas distribution piping systems shall be readily available.</p> <p>The employer shall issue and implement instructions on fire prevention and suppression procedures based upon the requirements contained in American National Standards Institute (ANSI/ASC) Z49.1-94, Safety In Welding, Cutting and Allied Processes, Chapters 3 and 6 and National Fire Protection Association (NFPA) 51B-1999, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work, Chapter 3, which are hereby incorporated by reference.</p>	Yes		Ask Risk Management

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Workplace Violence Prevention in Health Care	Employees working with high-risk populations or in areas with a potential for workplace violence situations in health care setting	<p>Cal/OSHA - 8 CCR 3342</p> <p>Employer shall provide effective training to employees, as specified in subsections (f)(1) through (f)(3), addresses the workplace violence risks that the employees are reasonably anticipated to encounter in their jobs. The employer shall have an effective procedure for obtaining the active involvement of employees and their representatives in developing training curricula and training materials, participating in training sessions, and reviewing and revising the training program.</p> <p>Authorized users of the Cal/OSHA online incident reporting system are required to take the Online Incident Reporting training.</p>	Yes	Annual	<p>Instructor Led Training (Check Vector Solutions or by request to the HSD Safety Services Manager</p> <p>Courses – CCC HSD Workplace Violence Prevention Vector Solutions Online</p> <p>Courses – CCC HSD Workplace Violence Incident Reporting Vector Solutions Online</p>