

*Southern California Edison (SCE) sets safety, hazard awareness, and mitigation as the highest priorities for our workforce. These are key in eliminating all serious injuries and fatalities. SCE will utilize this document as a tool for our Authorized Edison Representatives (AERs) to collaborate with contract leadership to ensure there is alignment and understanding before any work begins.*

*This document must identify relevant safety programs, procedures, mitigation measures, and approaches put in place to address potential hazards in the work performed pursuant to the completion of the Scope of Work.*

*The Plan shall be updated as needed (e.g., when any component changes or when additional hazard mitigations are required) but at a minimum it shall be reviewed and updated (and dated/signed) annually.*

## INSTRUCTIONS:

### Step 1: AER requirements (when preparing contract documents, e.g. RFP)

- **For all Safety Tiers:** Complete Sections 1, 2 & 3
- **For Safety Tier 1 and Safety Tier 1 HR:** Select each primary hazard, activity or condition in Section 13 that applies to this scope of work. Review and confirm the Critical Observable Actions in Section 13
- Note: All Safety Tier 1 and Safety Tier 1 HR requests for proposal (RFP) shall include a copy of this Plan populated by the AER so the hazards associated with the work are clear to the bidders.

### Step 2: Contractor requirements (when evaluating and responding to contract documents, e.g. RFP)

- **For all Safety Tiers:** Confirm Sections 1-3 and populate Sections 4 through 11
- **For Safety Tier 1 and Safety Tier 1 HR:** Complete Section 13 including the Contractor's mitigation plan
- Identify and add any additional Hazard categories (including Subcontractor hazards) not already identified by the AER in Section 13 and complete the remainder of the document

### Step 3: Contractor Orientation (AER & Contractor final steps prior to the start of Work)

- The AER and Contractor Representative shall review each section of the Contractor Safety Requirements Standard
- The AER and Contractor Representative must review each section of this document and update as needed
- Contractor must request clarification as needed and confirm understanding by completing Section 12
- AER must request clarification as needed and confirm understanding by completing Section 12

### Step 4: Plan Implementation

Once the Contractor Orientation has been completed as described in step 3 and updates are made to this document, both parties must sign following the instructions in Section 12 and ensuring the following steps are completed:

- Contractors shall ensure all Prime and Subcontractor workers are trained to these requirements
- Contractors shall ensure a signed copy (electronic and/or hard copy) of this document is retained by all crews and available along with the tailboard form
- Safety Tier 1 Contractors shall upload this signed document to the TPA
- AER shall ensure a copy of this fully executed document is uploaded to [chochasp@sce.com](mailto:chochasp@sce.com)

# Contractor Orientation and Safety Plan

NAMING CONVENTION: “**COSP\_PACIFIC COAST TREE EXPERTS\_VEGETATION  
MANAGEMENT\_CW2279194**”

SECTION 1: GENERAL INFORMATION			
<b>Project Name:</b>	Vegetation Management		<b>AER:</b> Matt Saddler
<b>Purchasing Reference: (PO, PR, CW, C or OLA#)</b>	CW2279194		<b>Procurement Representative:</b> Mary Harris
<b>Source Work? (Y/N)</b> <small>(Repetitive project work under an agreement that lasts for an extended period.)</small>	Y		<b>Project Location:</b> Districts 35 and 49
<b>Anticipated Start Date:</b> 1/4/2024	<b>Anticipated Completion Date:</b> 12/31/2025	<b>Contractor Company:</b> Pacific Coast Tree Experts	
<b>Contractor Representative</b>		<b>Contractor's Safety Professional</b>	
<b>Name:</b>	Armando Valdez CEO		<b>Name:</b> Javier Pinedo safety director
<b>Phone:</b>	805-506-1211		<b>Phone:</b> 818-918-8475
<b>Email:</b>	armando@pac-coast.co		<b>Email:</b> Javier.pinedo@pac-coast.co

SECTION 2: SAFETY TIER CLASSIFICATION	
<b>AER:</b> reference the <a href="#">Safety Tier Classification Guide</a> and Section 3 Scope of Work to determine the appropriate Safety Tier Classification.	
This scope of work has been classified as:	<input checked="" type="checkbox"/> Safety Tier 1 Higher Risk (HR) <input type="checkbox"/> Safety Tier 1 <input type="checkbox"/> Safety Tier 2

## SECTION 3: SCOPE OF WORK AND PROJECT SCHEDULE

**AER:** describe the scope of work and key safety considerations.

**Example for Distribution Safety Tier 1 HR work:** Add work-site conditions/environment (e.g., residential area, hillside, rocky terrain, driving, night work, exposures to traffic etc.). Add work that will be performed by Subcontractors. Add limited resources if applicable (e.g., no cell phone reception). Add # of on-site crews/personnel. Add approximate conductor miles, #of poles, will poles be relocated or replaced.

**Example for Safety Tier 2 Environmental work:** Add work-site conditions/environment (e.g., residential area, hillside, rocky terrain, driving, night work, exposures to traffic etc.). Describe the work that is to be performed, e.g. Environmental Monitoring, Surveying, Planning, etc. Add work that will be performed by Subcontractors. Describe limited resources if applicable (e.g., no cell phone reception).

Utility Vegetation Management (UVM) across the SCE system including but not limited to, line clearing, tree pruning, branch removals, tree removals, & various activities associated with brush removal in close proximity to SCE's high voltage electrical circuits. The UVM activities will be executed throughout various geographical areas such as residential and public right of way, and various site conditions/environments such as hillside, rocky terrain, environmentally sensitive, etc. Because of the many various areas and conditions that UVM work will be conducted at times the contractor may face challenges associated with resources such as cell coverage and emergency personnel. Contractor must be prepared ensuring adequate medical aide and safety oversight at all times.

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## SECTION 4: ACTION PLAN

Contractor shall identify hospitals in the region, describe evacuation considerations/steps, and describe inclement weather procedures/policies. Identify first responders and how they are to be contacted. Include maps/directions and any other details as appropriate. **Reference the Emergency Action Plan Section of the SCE Contractor Safety Requirements Standard. Include an emergency action plan for each yard/ facility's used**  
**Note: This information should be posted where it can be easily accessed by all workers.**

Clinic 1		Clinic 2	
Name:	CMH Urgent Care (DST 35) Also Each Crew has a list of Hospitals for areas working	Name:	Sansum Clinic Pesetas Urgent Care (DST 49) Also Each Crew has a list of Hospitals for areas working
Address:	2929 Saviers Rd. Oxnard CA 93033	Address:	215 Pesetas Ln, Santa Barbara, ca 93110
Phone #:	805-487-5589	Phone #:	805-681-7500
Hours of Service: *	24 hrs	Hours of Service:	8am – 5pm M-F
Hospital 1		Hospital 2	
Name: *	Each Crew has a list of Hospitals for area working	Name:	Each Crew has a list of Hospitals for area working
Address:		Address:	
Phone #: *		Phone #:	
Police/Sheriff		Fire Department	
Name:	9-1-1	Name:	9-1-1

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Address:		Address:	
Phone #:		Phone #:	
<b>Process for identifying Medical Facilities for Remote Work Location(s):</b>	<p>Assessment: Identify medical facilities near remote work sites. Verify services and emergency care availability.</p> <p>Accessibility: Consider transportation and accessibility factors. Assess emergency medical transportation options.</p> <p>Coordination: Establish communication channels with facilities. Obtain contact information for key personnel.</p> <p>Documentation: Document facility details and contacts. Provide comprehensive reports for reference.</p> <p>Review: Regularly update facility information. Ensure relevant personnel are informed.</p>		
<b>First Aid Kit Location(s):</b>	Passenger's side toolbox, and near the rescue gear/fire tools when working at a job site.		
<b>AED Location(s): <i>Reference AED section of the Contractor Safety Requirements Standard</i></b>	Located under the passenger's seat in every vehicle.		
<b>Fire Extinguisher Location(s):</b>	Two 10LB and one 3LB, rope box, saw box and cab of vehicle, mounted, and charged		
<b>Safety Data Sheets (SDS)</b>	In Hazard Communication Program		
<b>CPR Certified (who?):</b>	All employees		

## CONTRACTOR EMERGENCY ACTION PLAN - IMPLEMENTATION

*Contractor shall specify how workers are trained and expected to respond to emergency situations, for all work locations. Consider workers located at normal routine work locations as well as changing/remote locations. Be sure to describe rally points, communication plans, and the means to account for the well-being of all workers. Reference the Contractors Emergency Response Section of the SCE Contractor Safety Requirements Standard.*

Pacific Coast Tree Experts (PCTE) is committed to the safety and well-being of all workers, whether they are located at routine work locations or changing/remote sites. This Emergency Action Plan (EAP) outlines procedures to effectively respond to emergencies and ensure the safety of our personnel.

### Evaluation of Work Site Conditions

- Before commencing work at any location, PCTE employees must conduct a comprehensive evaluation of the work site conditions.
- This evaluation should include an assessment of factors such as limited access points, remote communication capabilities, terrain challenges, and proximity to medical facilities.
- Based on the site evaluation, PCTE employees must develop an Emergency Action Plan (EAP) that addresses these key elements and outlines procedures for responding to emergencies effectively.

## Development of Emergency Action Plan

- Clear and concise procedures will be established for responding to various emergencies, including:
  - Medical emergencies.
  - Natural disasters (e.g., wildfires, storms).
  - Equipment failure or malfunctions.
- Evacuation routes will be identified for each work location, including meeting points at safe areas.
- Effective communication plans will be developed utilizing appropriate resources such as two-way radios, mobile phones, or satellite communication for remote locations.
- General Foremen (GFs) will conduct roll call at meeting points to ensure all workers are accounted for during emergencies.

## Meeting Points

- Meeting points will be designated at predetermined safe areas within the work area perimeters, considering factors such as terrain and accessibility. Clear traffic signage and cones will indicate the location of meeting points and evacuation routes.

## Communication Plans

Internal Communication: Two-way radios or mobile phones will facilitate real-time communication among workers. Emergency communication channels will be established to relay important information to all personnel.

External Communication: Emergency contact information for local authorities, medical facilities, and PCTE management will be readily accessible in the Emergency Action Plan. Procedures for reporting emergencies will be clearly outlined.

## Employee Training and Certification

First Aid/CPR/AED Certification: All employees are required to be certified in First Aid, CPR, and AED. This certification ensures that personnel are equipped with the necessary skills to provide immediate medical assistance in emergency situations.

## Conclusion

Pacific Coast Tree Experts is dedicated to maintaining a proactive approach to emergency preparedness at all work locations. By implementing this Emergency Action Plan, we aim to mitigate risks, ensure effective communication, and prioritize the safety and well-being of all workers, whether they are at routine or changing/remote locations. Regular training, drills, and reviews will be conducted to ensure readiness and continuous improvement in emergency response procedures.

## SECTION 5: JOBSITE COMMUNICATIONS

# Contractor Orientation and Safety Plan

Contractor shall describe different methods of communicating to workers (verbal, electronic, written, satellite, radio, GPS, etc.). Provide information on how teams are to stay in contact. Provide primary and secondary methods of communication (example: where no cell service is available). **Reference the Contractors Emergency Response Section of the SCE Contractor Safety Requirements Standard.**

COMMUNICATION METHOD	DESCRIPTION AND CIRCUMSTANCES FOR USE
3-way communication	Before dropping wood or limbs from height, when pedestrians are moving through the work site or when ground personnel need to enter the drop zone or aerial lift when the boom is unstowed from the cradle
Hand signals	Can be used as an alternative to verbal commands and when backing vehicles or directing traffic when flaggers have clear visual of each other
2-way radios	During flagging operations when flaggers cannot maintain clear sight of each other
Cell phone	Communication between work groups and supervision or to call for emergency assistance. In areas without cell reception, an alternate plan shall be developed such as preauthorized use of homeowner or business land line or pre-determined cell phone reception area noted on the job briefing emergency plan.

## SECTION 6: CONTRACTOR SAFETY RESPONSIBILITIES

Contractor shall describe assigned safety roles and responsibilities of key personnel.

**Reference the Field Monitoring Section of the SCE Contractor Safety Requirements Standard.**

TITLE	SAFETY RESPONSIBILITIES
Safety Manager	<p><b>Role:</b> Oversees the overall safety program of PCTE and ensures compliance with safety regulations and standards.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Develop, implement, and maintain safety policies and procedures.</li> <li>• Conduct risk assessments and develop strategies for hazard mitigation.</li> <li>• Provide leadership and guidance to the safety team and collaborate with other departments to promote a culture of safety.</li> <li>• Develop and deliver safety training programs for employees, including new hire orientation and ongoing training sessions.</li> <li>• Review and analyze safety data, including incident reports and near-miss reports, to identify trends and areas for improvement.</li> <li>• Lead investigations into accidents or incidents and recommend corrective actions.</li> <li>• Keep abreast of changes in safety regulations and industry best practices.</li> <li>• Continuously monitor and evaluate the effectiveness of the safety program through regular assessments, feedback mechanisms, and performance metrics.</li> </ul>

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Safety Supervisor	<p><b>Role:</b> Supports the Safety Manager in implementing safety programs and initiatives.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Assist in the development and implementation of safety policies and procedures.</li> <li>• Conduct Job Safety Observation (JSO) to identify hazards and unsafe practices.</li> <li>• Report any unsafe conditions or practices to supervisors immediately.</li> <li>• Provide safety training to employees and ensure competency in safety-related tasks.</li> <li>• Monitor compliance with safety regulations and company policies.</li> <li>• Assist in the investigation of accidents or incidents by providing eyewitness accounts and observations.</li> <li>• Collaborate with management and field personnel to address safety concerns and promote a culture of safety.</li> </ul>
Field Supervisor	<p><b>Role:</b> Oversees the General Foremen and ensures adherence to safety protocols and procedures in the field.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Conduct regular safety inspections and audits of work sites.</li> <li>• Provide guidance and support to General Foremen and Crew Foremen on safety-related matters.</li> <li>• Assist in the investigation of accidents or incidents and implementation of corrective actions.</li> <li>• Ensure compliance with safety regulations and company policies.</li> <li>• Serve as a point of contact for safety-related inquiries or concerns from crew members.</li> </ul>
General Foreman	<p><b>Role:</b> Leads tree crews and is responsible for ensuring safety during day-to-day operations.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Conduct pre-job safety briefings and tailboard meetings with crew members.</li> <li>• Conduct Job Safety Observation (JSO) to identify hazards and unsafe practices.</li> <li>• Enforce safety procedures and address any safety concerns raised by crew members.</li> <li>• Monitor work activities to ensure compliance with safety regulations.</li> <li>• Conduct periodic safety checks and inspections of equipment.</li> <li>• Act as a first responder in emergencies and coordinate evacuation procedures.</li> <li>• Promote a positive safety culture by leading by example and encouraging adherence to safety standards.</li> </ul>
Crew Foreman	<p><b>Role:</b> Leads a crew of workers and ensures safety during assigned tasks and projects.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Conduct pre-task job briefings and ensure all crew members understand their roles and responsibilities.</li> <li>• Enforce safety procedures and address any safety concerns raised by crew members.</li> <li>• Performs work activities and ensures compliance with safety regulations and company policies.</li> <li>• Conduct regular safety checks of equipment and tools used by the crew.</li> <li>• Assist in the implementation of safety improvements and initiatives.</li> </ul>




## SECTION 7: CONTRACTOR SAFETY REPRESENTATIVES AND KEY PERSONNEL

*Contractor shall include name and contact information for Contractor safety representatives and key personnel actively assigned to this Scope of Work.*

TITLE	NAME	CELL NUMBER	EMAIL ADDRESS
MGR S	Javier Pinedo	818-918-8475	Javier.pinedo@pac-coast.co
SS	Juan Alvarez	818-918-8675	Juan.alvarez@pac-coast.co
SS	Sebastian Pinedo	818-309-9396	Sebastian.pinedo@pac-coast.co
SS	Alejandro Gaitan	818-300-1427	Alejandro.gaitan@pac-coast.co
SS	Ricardo Olvera	818-557-6695	Ricardo.olvera@pac-coast.co
SS	Ismael Menchaca	818-383-6350	Ismael.menchaca@pac-coast.co

## SECTION 8: TAILBOARD PROTOCOL

**Contractor:** describe the procedures for completing tailboards and ensuring risk are mitigated at each work location. Discuss risk factors and documentation requirements. **Reference the Tailboard Requirement Section of the SCE Contractor Safety Requirements Standard.**

*Include checklists or templates you will use for this protocol as an attachment to this Plan.*

Tailboard (Job Site Briefings) are conducted a minimum of 2 to 4 times per day: once before the first job and again after the noon lunch break, with a review and update after the lunch break. A new job briefing is required when significant task changes introduce new hazards, such as changing from compliance trimming to other type of tree work requested or responding to call-out emergencies. All employees are currently trained to conduct a job briefing, led by the person in charge. When multiple crews work on the same job, it's recommended that they participate in the same briefing, led by an assigned lead person in charge . and/or other management or Safety Team representatives.

During storm conditions, a new job site briefing is mandatory for every new tree or location.

Personnel must review the job briefing form during field visits, Personal shall note for corrections or suggestions. This process enhances work planning, hazard assessment, and overall effectiveness.

A separate job site briefing is required for hazard palm trees, defined by ANSI/OSHA and it must be reviewed with all visitors to the work site.

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## SECTION 9: REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Contractor:** describe what PPE items are used and when workers are required to use each. **Requirements are established by each Contractor's own Safety Policies. Reference the Health and Safety Requirements Section of the SCE Contractor Safety Requirements Standard for additional considerations.**

✓	ITEM	DESCRIPTION
✓	(Example: Fall Protection)	<p><b>EXAMPLE:</b></p> <p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• ABC Fall Protection Manual – working from poles and towers.</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• 100% fall protection/restrict equipment required when climbing above 4 feet on wood poles or towers.</li> </ul>
✓	<b>Head Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Always wear ANSI Class E rated hardhat on the jobsite.</li> </ul>
✓	<b>Face Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Pandemic Plan</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Wear Face covering at all times during working hours (Exception-breaks or when working aloft) Or as required by most recent guidelines</li> </ul>
✓	<b>Eye Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Personal shall wear Z87 glasses on at all times when out of the vehicle</li> </ul>
✓	<b>Hand Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> <li>• Cut Resistant Glove Policy</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• CR Gloves when using hand saw, power saw/ when sharpening or handling brush with thorns or when handling any other sharp objects.</li> <li>• Employees shall not wear gauntlet type gloves while trimming or performing chipping operations.</li> </ul>

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✓	<b>Hearing Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Within 25 feet of running chipper or power saw. Or at a job site where other equipment with high noise levels are present.</li> <li>• Wear ear protection whenever noise levels exceed 85 dBA.</li> </ul>
✓	<b>Leg Protection (chainsaw chaps and snake guards)</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> <li>• Chainsaw Operations Training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Employees shall use leg protection/chaps when operating a power saw on the ground.</li> </ul>
✓	<b>Fall Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> <li>• Climbing Operations Training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• 100% tie in - Tree, bucket, or ladder or on headache rack of the truck - PCTE Rule.</li> <li>• All equipment shall be inspected before each use.</li> <li>• Only PCTE company approved type fall protection allowed.</li> </ul>
✓	<b>Foot Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> <li>• Work Boots Requirements Policy</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Leather uppers covering ankle, good tread on sole.</li> <li>• No steel toe boots.</li> </ul>
✓	<b>AR/FR Clothing</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• P.P.E training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>• Employees wear FR clothing working in substation.</li> </ul>
☐	<b>Rubber Gloves</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul> <p><b>Contractor Requirement:</b></p>

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		<ul style="list-style-type: none"> <li>N/A</li> </ul>
✓	<b>High Visibility Clothing</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>P.P.E training</li> <li>T.T.C training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>Wear Class 3 Hi-Vi clothing at all times when out of the vehicle (except when working aloft).</li> </ul>
✓	<b>Respiratory Protection</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Wildland Fire Preparedness &amp; Prevention Program</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>PCTE shall supply N-95 respirators when smoke level is above 150 PM.</li> </ul>
✓	<b>Barricades and Signs</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>T.T.C training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>At all times when vehicles are on the roadway</li> <li>Cones shall be place around the aerial lift while always operating around energized conductors.</li> <li>No one shall be allowed within this zone as work is taking place.</li> <li>PCTE will also use an SCE approved Outside traffic control company/s for all major street closures and state and federal highways.</li> <li>PCTE shall verify all TTC companies are qualified.</li> </ul>
✓	<b>Personal Flotation Devices</b>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>P.P.E training</li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li>When working near water where workers could fall in</li> <li>When working on, or near water where EE could fall in</li> </ul>
☐	<b>Other:</b> _____	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Requirement:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

## SECTION 10: PRIME CONTRACTOR WORKER ORIENTATION AND MANAGEMENT

Contractors shall use the spaces below to **fully** explain the onboarding, continuous training and oversight of all workers. **Requirements are established by each Contractor's own Safety Policies. Reference each applicable section of the SCE Contractor Safety Requirements Standard for additional considerations.**

Question	Contractor Response
<p>Clearly describe the key components of the Prime Contractor's worker onboarding process. Include components such as orientation duration, how workers are qualified for their assigned tasks, and how workers will be made aware of the Prime Contractor's safety requirements etc. <b>Reference Safety Orientation Section of the SCE Standard</b></p>	<ul style="list-style-type: none"> <li>• All new employees undergo a one-day orientation session upon joining PCTE.</li> <li>• During this orientation, they are introduced to the company's policies, procedures, safety requirements, and expectations.</li> <li>• New employee provides a facial photo for identification purposes.</li> <li>• Employee's driver's license is checked to ensure they meet PCTE's driving requirements.</li> <li>• Employees are issued a PCTE Certification Program workbook, which they are required to complete Groundman and Climber Trimmer Trainee sections within 90-days of joining.</li> <li>• Employees receive training on a range of topics such as:             <ul style="list-style-type: none"> <li>○ Personal Protective Equipment (PPE)</li> <li>○ Electrical Hazard Awareness Program (EHAP)</li> <li>○ Heat Illness Prevention Program (HIPP)</li> <li>○ Injury &amp; Illness Prevention Program (IIPP)</li> <li>○ Hazard Communications Program (HAZCOM)</li> <li>○ PCTE Wildland Fire Preparedness &amp; Prevention Program</li> <li>○ Driving Safety Program (DSP)</li> </ul> </li> <li>• All workers participate in annual refresher training sessions to reinforce key safety concepts, update their knowledge on regulatory changes, and address any emerging safety concerns.</li> <li>• These sessions cover topics such as hazard recognition, fall protection, electrical safety, and first aid/CPR/AED techniques.</li> <li>• General Foremen and Safety team provide ongoing support, guidance, and supervision to ensure employees understand and comply with safety protocols and procedures.</li> </ul>

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Contractor  
Safety

Version 1.0  
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Approved  
for Release

	<ul style="list-style-type: none"><li>• Regular safety meetings, toolbox talks, and performance reviews are conducted to reinforce safety practices and address any concerns or issues.</li></ul>
<p><i>Clearly describe how field oversight will be provided that validates effective training and confirmation of acceptable work practices.</i> <b>Reference Field Monitoring Section of the SCE Standard</b></p>	<ul style="list-style-type: none"><li>• General Foremen (GFs) and Safety Supervisors conduct regular site visits to perform Job Safety Observations (JSO) on tree crews and assess their adherence to training protocols and acceptable work practices.</li><li>• Providing immediate feedback to workers based on their observations during site visits and inspections. If deviations from acceptable work practices are observed, supervisors provide coaching and corrective action to ensure workers understand and rectify the issues.</li><li>• New employees are paired with an experienced Crew Foreman to provide guidance, support, and hands-on training adhering to safety protocols and work practices.</li><li>• Continuously monitoring the tracking system for our PCTE Certification Program completion and following up in the field to verify workers are applying the knowledge and skills acquired through our certification program.</li><li>• GFs and Safety Supervisors conduct follow up assessments to verify employees are proficient with the training material and can apply it effectively in the field.</li></ul>
<p><i>Clearly describe how all workers will be made aware of SCE requirements, including orientation to this document, the SCE Contractor Safety Requirements Standard, and SCE specified programs and procedures.</i> <b>Reference Safety Orientation Section of the SCE Standard</b></p>	<ul style="list-style-type: none"><li>• PCTE will conduct a stand down safety training for all crews to emphasize the importance of compliance with SCE requirements, including COSP, SCE Critical Observable Actions (COA's), SCE Contractor Safety Requirements.</li><li>• All PCTE vehicles will have a QR code placed in the rear window where employees can access the COSP, SCE Critical Observable Actions (COA's), and SCE Contractor Safety Requirements.</li><li>• PCTE will collect sign-off sheets to verify that all crews are equipped with a QR code, and supervisors will conduct regular checks to ensure that all workers are aware and understand the SCE requirements.</li><li>• PCTE will regularly review and update its procedures to ensure alignment with current SCE requirements and industry best practices.</li></ul>

# Contractor Orientation and Safety Plan

	<ul style="list-style-type: none"> <li>Any changes to SCE documents or procedures will be promptly communicated to all workers through safety stand down meetings and training sessions.</li> </ul>
<p><i>Clearly describe how new employees will be provide oversight for the first six months of employment.</i> <b>Reference Contractor New Employee Supervision and Training Section of the SCE Standard</b></p>	<ul style="list-style-type: none"> <li>Upon joining PCTE, new employees will undergo a comprehensive orientation program. This orientation will cover company policies, safety procedures, job responsibilities, and an overview of the work environment.</li> <li>Employees will also receive an introduction to the PCTE Certification Program, which outlines the necessary training and qualifications for various job roles within the company. They will follow a progressive training plan outlined in the PCTE Certification Program, gradually acquiring the skills and qualifications needed for their roles.</li> <li>Each new employee will be assigned a mentor, typically an experienced crew foreman, the mentor will provide guidance, support, and hands-on training to help the new employee acclimate to their role and responsibilities.</li> <li>New employees will initially work under close supervision, with their mentor and supervisor overseeing their work assignments. Supervisors will provide feedback and guidance to ensure that new employees are performing tasks correctly and safely.</li> <li>General Foremen (GFs) and Safety Personnel will conduct regular Job Safety Observations (JSOs) to document the performance of new employees.</li> <li>New employees will participate in regular safety meetings, safety stand downs and training sessions to reinforce safety protocols outlined in the PCTE Certification Program.</li> <li>PCTE will maintain open communication with new employees, encouraging them to seek guidance and provide feedback on their training and experiences.</li> </ul>
<p><i>Clearly describe how copies of the current signed copy and other reference documentation will be kept at the work location of each crew.</i> <b>Reference Tailboard Requirements Section of the SCE Standard</b></p>	<ul style="list-style-type: none"> <li>To facilitate easy access to critical documents, all PCTE vehicles will have a QR code placed in the rear window.</li> <li>This QR code will provide direct access to documents such as the Contractor Safety Requirements Standard, SCE COAs, and other relevant materials.</li> <li>PCTE will collect sign-off sheets to verify that all crews are equipped with a QR code on their vehicles, providing access to SCE requirements documents.</li> </ul>



# Contractor Orientation and Safety Plan

	<ul style="list-style-type: none"> <li>Supervisors will conduct regular checks to ensure that all workers are aware of and understand the SCE requirements outlined in these documents.</li> <li>Any changes to SCE documents or procedures will be promptly communicated to all workers through safety stand down meetings and training sessions, ensuring that crews stay informed and up to date.</li> </ul>
<p><i>Clearly describe how Safety Information shared by SCE will be communicated to all Prime and Subcontractor employees.</i></p>	<ul style="list-style-type: none"> <li>PCTE will conduct regular safety stand down meetings for all Prime and Subcontractor employees to disseminate safety information shared by SCE.</li> <li>These meetings will serve as a platform to discuss SCE safety bulletins, updates, and any new safety requirements or guidelines.</li> <li>This information will be disseminated via email, company newsletters, or other communication channels to ensure timely delivery to all relevant parties.</li> <li>PCTE will maintain documentation and records of all safety information received from SCE and the communication methods used to disseminate this information.</li> </ul>

## SECTION 11: ACTIVE SUBCONTRACTORS

Prime Contractor shall ensure the table below is populated with the most up to date information at all times.

(When filling this out in response to an RFP, leave the orientation column blank).

**Reference the Contractor Management of Subcontractors and Vendors Section of the SCE Standard for additional considerations.**

COMPANY NAME	SCOPE	SAFETY TIER	ISN#	ISN GRADE	REPRESENTATIVE NAME / PHONE	ORIENTATION DATE
Phoenix Traffic management Inc	Major Traffic control work only no tree work	1	400-315799	A	John Adams 909-693- 0635	1/3/24

# Contractor Orientation and Safety Plan

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**Contractor  
Safety**

Version 1.0  
Sep 1, 2023

Approved  
for Release


# Contractor Orientation and Safety Plan

<b>SUBCONTRACTOR WORKER ORIENTATION AND MANAGEMENT</b>	
<i>Prime Contractors shall use the spaces below to <b>fully</b> explain the key components of their subcontractor policies. Requirements are established by each Contractor's own Safety Policies. <b>Reference the Contractor Management of Subcontractors and Vendors Section of the SCE Standard for additional considerations.</b></i>	
<b>Question</b>	<b>Contractor Response</b>
<i>Clearly describe the key components of the Prime Contractor's evaluation and qualification process for subcontractor companies.</i>	NA No Subs for Vegetation Compliance tree work
<i>Clearly describe your process for initial and on-going monitoring of subcontractor TPA grades and action items. (Not applicable for Tier 2 work)</i>	NA No Subs for Vegetation Compliance tree work
<i>Clearly describe the key components of the Prime Contractor's on-boarding process for subcontractor workers. Include components such as:</i> <ul style="list-style-type: none"> <li>• how subcontractor workers are qualified for their assigned tasks</li> <li>• how subcontractor workers will be made aware of the Prime Contractor's safety requirements</li> </ul>	NA No Subs for Vegetation Compliance tree work
<i>Clearly describe how the Prime Contractor will ensure that all subcontractor workers will be made aware of SCE requirements, including orientation to this document, the SCE Contractor Safety Requirements Standard, and SCE specified programs and procedures.</i>	NA No Subs for Vegetation Compliance tree work
<i>Clearly describe how field oversight will be provided by the Prime Contractor to validate subcontractor compliance with rules, procedures, policies and acceptable work practices.</i>	NA No Subs for Vegetation Compliance tree work
<i>Clearly describe how the Prime Contractor will manage subcontractor Incidents and how they will ensure timely reporting.</i>	NA No Subs for Vegetation Compliance tree work
<i>Clearly describe how the Prime Contractor will ensure that copies of this document and other reference documentation will be kept at the work location of each subcontractor crew.</i>	NA No Subs for Vegetation Compliance tree work

# Contractor Orientation and Safety Plan

Section 12: Contractor Safety Requirement Orientation – Confirmation of Understanding and Compliance			
<p><b>Contractor Representative:</b> (The Contractor employee named in the contract, an officer of the company, or approved by the Contractor to act on their behalf.)                      NOTE: Electronic signature systems (e.g. DocuSign) may also be used in place of hard copy signatures                      By initialing each section and signing below, the Contractor Representative affirms that they:</p>			
1. Have read the items contained in the SCE Contractor Safety Requirement Standard, and confirmed understanding with the AER	Initial:	JP	
2. Will ensure compliance with this document and the applicable sections of the SCE Contractor Safety Requirement Standard at all times by doing the following: <ul style="list-style-type: none"> <li>a. Review, update, and re-sign this document at least annually, or as needed, to ensure it reflects the most recent information</li> <li>b. Provide updated documents to SCE’s TPA (Safety Tier 1 only)</li> <li>c. Ensure all Prime and Subcontractor workers are oriented to this document prior to beginning any work</li> <li>d. Ensure a current signed copy of this document and associated reference documents are available at each work location</li> <li>e. Ensure effective oversight and management of established expectations at all times</li> </ul>	Initial:	JP	
3. Shall ensure work is performed in accordance with Sections 1-11 ( <b>Safety Tier 2 only</b> )	Initial:	JP	
4. Shall ensure work is performed in accordance with Sections 1-11 and Section 13 of this document - Hazard Assessment and Mitigation ( <b>Safety Tier 1 and Safety Tier 1 HR work only</b> )	Initial:	JP	
5. Know and understand that Safety is the highest priority on SCE property. Shall ensure all employees and subcontractor employees (as applicable) know and understand that they not only have the right, but also the responsibility to stop any unsafe acts or conditions.	Initial:	JP	
<b>Contractor Representative Printed Name:</b>	Javier Pinedo	<b>Date:</b>	4/1/2024
<b>Contractor Representative Signature:</b>	<i>Javier Pinedo</i>		

# Contractor Orientation and Safety Plan

<p>The <b>AER</b> is the SCE employee responsible for managing the work performed under a contract. By signing this document, the AER affirms:</p>			
<p>a. They have conducted a Contractor Safety Orientation, as required by the Contractor Safety Requirements Standard, and have confirmed understanding with the Contractor</p>			
<p>b. They will confirm the contents of this document are updated and re-signed as needed, but at least annually</p>			
<p>c. They will confirm the most recent signed copy of this document is uploaded to the TPA by the Prime Contractor as part of project records (Safety Tier 1 and 1 HR only)</p>			
<p>d. They will confirm the most recent signed copy of this document is sent to <a href="mailto:CHOCHASP@sce.com">CHOCHASP@sce.com</a> (All Safety Tiers)</p>			
<b>SCE AER Printed Name:</b>	Matthew Saddler	<b>Date:</b>	4/1/2024
<b>SCE AER Signature:</b>	<i>Matthew Saddler</i>		

REVISION HISTORY AND ANNUAL REVIEW	
<i>In the spaces below note the date of each revision and describe the revision made (e.g. annual review, scope changes, key personnel changes etc.) All parties must re-sign this document, acknowledging the changes</i>	
Date	Revision Description
4/1	Making change to the COSP

**SECTION 13: HAZARD ASSESSMENT AND MITIGATION**

*The AER shall select all applicable items from the Primary Hazards/Activity column and review the associated Critical Observable Actions (COAs) for applicability.*

*The Contractor must verify the selections made by the AER, review the COAs, and populate the Contractor Mitigation Plan column (see example below). The Contractor's mitigation plan must be practical, effective and sustainable to prevent serious injuries and fatalities.*

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
<b>Example Hazard</b>			
✓	<p><i>The selections made in this column indicate hazards, activities and conditions that are unique to each scope of work and could cause injury or harm to workers if not mitigated. Selection of each Primary Hazard and Activity indicates that these may be present during the contract period.</i></p> <p><b>Example:</b> Fall Hazards/Elevated Work</p> <p>Use "OTHER" category to add items not specified</p>	<p><i>Prepopulated COAs have been developed in collaboration with SCE and Contractor subject matter experts. These COAs establish observable actions to increase awareness of desired safe work practices that could help to prevent serious injuries and fatalities.</i></p> <p><b>Example Prepopulated COAs:</b></p> <ul style="list-style-type: none"> <li>• Maintain 3 points of contact</li> <li>• Ladder won't fall and in good shape</li> <li>• Engaged observer when worker over 12 feet in the air.</li> <li>• Non-slip safety feet on each ladder.</li> </ul>	<p><b>Contractor to provide mitigation measures for the identified hazards and include references to their safety programs. The mitigation measures must be clear and concise safety expectations.</b></p> <p><b>EXAMPLES:</b></p> <p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• ABC Fall Protection Manual – working from poles and towers</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• 100% fall protection/restrict equipment required when climbing and descending above 4 feet on wood poles or towers.</li> <li>• All employees shall inspect their fall protection equipment prior to use.</li> </ul> <p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• ABC Fall Protection Manual – working from aerial lift devices</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• 100% fall protection required at all times.</li> <li>• Three points of contact to be used at all times</li> <li>• Do not stand on material to gain greater height</li> </ul>

# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>All employees shall inspect their fall protection equipment prior to use.</li> </ul>
<b>✓ Basic Site Safety</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
✓	<b>General Safety</b>	<ul style="list-style-type: none"> <li>The crew has completed a thorough tailboard, covering all Primary Hazards (critical hold points) and it is signed by all.</li> <li>There is an Emergency Action Plan (EAP) on site.</li> <li>Emergency rescue equipment is on site, and readily available.</li> <li>The site is well organized and free of tripping hazards.</li> <li>Weather condition is safe for the work to be performed.</li> <li>There is ample water and shade on site, especially if temperatures exceed 80 degrees.</li> <li>The crew is wearing appropriate clothing for their scope and environment.</li> <li>The crew is wearing appropriate PPE for the task at hand.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Job Briefing Lesson</li> <li>Critical Observable Actions (COA's)</li> <li>Lesson Aerial Tree Rescue Procedures</li> <li>Heat Illness Prevention Program</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Conduct a minimum of 2 to 4 Job Briefings per day, with all on-site personnel participating, or conduct a new briefing after significant work changes.</li> <li>Ensure all primary hazards are listed and discussed during Job Briefings and develop plans to mitigate them.</li> <li>Develop and discuss an Emergency Action Plan and document it within the Job Briefing.</li> <li>Provide bi-annual training for all employees in tree/lift rescue.</li> <li>Have a second set of climbing gear available for manual climbing operations.</li> <li>Conduct a separate Palm Job Briefing for climbed palm trees.</li> </ul>

# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>• Provide fire prevention equipment at each job site.</li> <li>• Terminate routine work in adverse weather conditions such as heavy rain or wind over 35 MPH.</li> <li>• Clear walkways of tripping hazards and mark immovable trip hazards.</li> <li>• Maintain a clean and organized work site.</li> <li>• Ensure an ample drinking water supply (2 quarts per hour per employee).</li> <li>• Utilize trees, vehicles, and buildings for shade and conduct peer checks.</li> <li>• Wear appropriate clothing for prevailing conditions.</li> <li>• More frequent water breaks during high heat (80 degrees plus).</li> </ul>
✓	<b>Hand and Power Tools</b>	<ul style="list-style-type: none"> <li>• Tools are in good condition.</li> <li>• Crews are using tools as they were designed.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Lesson - Hand and Power Tools</li> <li>• Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Wear all required personal protective equipment (PPE), including glasses, hearing protection, and chain saw leg protection when operating the chainsaw on the ground.</li> <li>• Regularly maintain and inspect power saws to ensure they are in proper working condition, including sharpness of the chain, proper tension, and functionality of safety features.</li> <li>• Maintain two hands on the power saw when the chain is moving.</li> <li>• Be aware of the blade's trajectory when "sweeping" through a cut.</li> <li>• Minimize the risk of musculoskeletal injuries associated with prolonged use of hand and power tools.</li> </ul>
☐	<b>Powder Actuated Tools</b>	<ul style="list-style-type: none"> <li>• Tools are only used in accordance with manufacturer instructions.</li> <li>• Tools are maintained in good condition</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>



# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
		<ul style="list-style-type: none"> <li>• Powder-actuated tools are not used in an explosive or flammable atmosphere.</li> <li>• Tools are not loaded until just prior to the intended firing.</li> <li>• Tools and cartridges are never left unattended.</li> </ul>	
✓	<b>Fire</b>	<ul style="list-style-type: none"> <li>• There is a fire evacuation plan on site, if required.</li> <li>• Required fire tools are on site and easily accessible.</li> <li>• Vehicles are parked in a cleared area when possible, and in the direction of egress.</li> <li>• There is a fire evacuation plan on site, if required.</li> <li>• Adherence to SCE fire mitigation programs, including the SCE HFRA Hot Work Restriction and Mitigation Measures, SCE Hot Work Program, etc.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Wildfire Preparedness and Prevention Plan</li> <li>• PCTE Certification Program</li> <li>• Wildfire Job Briefing</li> <li>• Reference the SCE HFRA.</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• EAP discussed prior to work and documented on the Job Briefing.</li> <li>• Fire prevention equipment is readily available and staged within 25 feet of the work area.</li> <li>• Regularly check and maintain water pumps and tools to ensure they are fully functional and ready for immediate use. Each crew member should have access to at least one hand tool.</li> <li>• Do not park vehicles on dry grass or brush to prevent potential ignition sources, and always clear the area around vehicles to minimize fire risk.</li> <li>• Orient vehicles in the direction of egress to facilitate a quick exit in case of emergency.</li> <li>• Provide annual wildfire prevention and suppression training to all employees to raise awareness and promote safe practices.</li> <li>• Conduct a specific wildfire job briefing when fire danger is elevated or extreme, focusing on additional precautions and emergency procedures.</li> </ul>

# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>Establish a designated fueling area for power saws and enforce a minimum distance of 10 feet between the saw and the fueling area to prevent accidental ignition.</li> <li>Prohibit welding, grinding, or other hot work in fire-prone areas to minimize the risk of sparking and igniting fires.</li> <li>Ensure compliance with and reference SCE fire mitigation programs to incorporate best practices and ensure alignment with industry standards and regulations.</li> </ul>
✓	<b>Flammable/Combustible Liquids</b>	<ul style="list-style-type: none"> <li>Flammable liquids are stored safely.</li> <li>Flammable liquids are used only where there is adequate ventilation and where there is no chance of electric spark.</li> <li>"No Smoking" signs are posted where flammable liquids are used.</li> <li>Flammable liquids are not used for cleaning purposes.</li> <li>Flammable liquid containers are clearly marked.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Wildfire Preparedness and Prevention Plan</li> <li>Hazard Communications Program</li> <li>PCTE Certification Program</li> </ul> <p><b>PCTE Certification Program Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Prohibit open flames or smoking within a 10-foot radius of the fueling area to minimize the risk of ignition.</li> <li>Ensure flammable liquids are stored properly in approved containers, following relevant safety regulations and guidelines.</li> <li>Properly label all containers containing flammable liquids to clearly indicate their contents and associated hazards.</li> <li>Proper disposal procedures for unused liquids and containers to prevent environmental contamination and fire hazards.</li> <li>Every vehicle equipped with a spill kit to respond quickly and effectively to spills or leaks of flammable liquids.</li> <li>Prohibit the use of gasoline or other flammable liquids for cleaning tools or equipment to prevent accidental ignition and exposure to hazardous vapors.</li> </ul>
✓	<b>Traffic</b>	<ul style="list-style-type: none"> <li>Reference the CATTCH (California temporary traffic control handbook).</li> <li>Effective traffic control is in place, with an approved traffic control plan (if necessary), allowing for smooth and safe traffic flow.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>PPE</li> <li>Stop Work Authority Policy</li> <li>Boom Spotter</li> <li>PCTE TTC Manual</li> </ul>

# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
		<ul style="list-style-type: none"> <li>Approved pedestrian control plans are in place (if necessary), and pedestrians are diverted safely around the worksite, or are escorted safely through the worksite.</li> <li>The crew is wearing high visibility clothing when working adjacent to traffic or at night.</li> </ul>	<ul style="list-style-type: none"> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Ensure that Temporary Traffic Control (TTC) setups comply with the California Manual on Uniform Traffic Control Devices (MUTCD) and are documented in the Job Briefing to ensure consistency and adherence to regulations.</li> <li>Discuss and establish a pedestrian control plan during the Job Briefing to ensure the safety of workers and pedestrians in the work area.</li> <li>Implement flagging operations when required, ensuring that flagmen are trained and competent before assuming flagging duties to effectively manage traffic flow and ensure safety.</li> <li>Use of Class 3 high-visibility apparel by all employees working in or near traffic to maximize visibility and reduce the risk of accidents or collisions.</li> </ul>
✓	<b>Pedestrians</b>	<ul style="list-style-type: none"> <li>Pedestrian control plans are in place (If needed).</li> <li>Pedestrians are diverted safely around the worksite or are escorted safely through the worksite.</li> <li>Contractor mitigation plan should mention of the PTCM (Pedestrian traffic control manual) 7 scenarios</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Stop Work Authority Policy</li> <li>Rigging</li> <li>Boom Spotter</li> <li>Job Briefing - Pedestrian Precautions</li> <li>Critical Observable Actions (COA's) (SCE)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Utilize the "Stop Work" protocol when pedestrians need to move through the work area to ensure their safety and prevent accidents.</li> <li>Provide guidance and assistance to pedestrians when necessary, including stopping work activities to guide them safely through the worksite.</li> <li>Clearly define the work area using barriers, signage, or other visual markers to alert pedestrians and prevent them from entering hazardous areas.</li> </ul>

# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>Reference the Pedestrian Traffic Control Manual (PTCM) and review eight scenarios to ensure compliance with pedestrian safety regulations and best practices.</li> <li>Maintain clear communication with pedestrians about potential hazards and safe routes through the work area to minimize the risk of accidents or injuries.</li> </ul>
✓	<b>Tripping/Impalement</b>	<ul style="list-style-type: none"> <li>The site is well organized and free of tripping hazards and impalement hazards.</li> <li>Exposed impalement hazards are covered and/or protected.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Job briefing - Special Precautions</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Regularly remove debris from walkways to maintain clear and safe passage for workers and pedestrians.</li> <li>Clearly mark trip hazards if they cannot be immediately removed.</li> <li>Mark metal stakes or other impalement hazards.</li> <li>Place a cone or trash can over impalement or sharp objects protruding from the ground to provide a physical barrier and reduce the risk of contact or injury.</li> </ul>
✓	<b>Human Performance</b>	<ul style="list-style-type: none"> <li>The crew is communicating effectively.</li> <li>The crew is using three-way communication for critical tasks.</li> <li>The crew is working at a safe pace.</li> <li>The crew is working free of distractions (i.e., mobile phones, etc.).</li> <li>The crew is using Peer Check during critical tasks.</li> <li>Individual workers are using Self Check during critical tasks.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Human Performance</li> <li>Stop Work Authority Policy</li> <li>Boom Spotter</li> <li>Job Briefing Lesson</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>During the pre-job briefing, discuss potential tools and traps that may impact the task at hand. Document these discussions to ensure everyone is aware of potential hazards and safety measures.</li> </ul>

# Contractor Orientation and Safety Plan

✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
		<ul style="list-style-type: none"> <li>The crew demonstrates a Questioning Attitude during critical tasks.</li> <li>The crews exercise Stop Work Responsibility whenever anyone is unsure about the safety of an activity.</li> </ul>	<ul style="list-style-type: none"> <li>Emphasize the importance of clear communication and understanding among team members to mitigate risks effectively.</li> <li>Avoid rushing to prevent errors and accidents. Verified during JSO/field visits.</li> <li>Work free of distractions, including cell phone use, to ensure full attention on tasks at hand.</li> <li>Utilize the Work Stop Authority policy, encouraging employees to halt work if they identify any safety concerns or uncertainties.</li> <li>Encourage a proactive approach to safety by stopping work when unsure about any aspect of the task.</li> <li>Facilitate effective communication within crews, emphasizing the importance of questioning and clarifying if something changes during the job.</li> </ul>
✓	<b>Ergonomic Risk</b>	<ul style="list-style-type: none"> <li>Crew maintains safe footing while lifting.</li> <li>Crew uses proper lifting technique.</li> <li>Crew lifts in teams or uses mechanical advantage when necessary.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Morning Stretches</li> <li>Job Briefing Work Procedures</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>When handling heavy or bulky branches/wood, seek assistance or break the load into smaller, more manageable parts.</li> <li>Maintain firm footing and use the strength of your legs when lifting to minimize strain on your back.</li> <li>Avoid twisting your body while lifting; instead, pivot your entire body to change direction.</li> <li>Hug the load close to your body and keep your back straight to distribute weight evenly and reduce the risk of injury.</li> </ul>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>Whenever possible, use mechanical aids such as a dolly or apprentice loader to assist with lifting and transporting heavy objects, minimizing the need for manual lifting.</li> <li>Adjust the height of chairs, desks, and monitors to maintain neutral body positions and reduce the risk of musculoskeletal disorders.</li> <li>Encourage employees to take regular breaks from repetitive tasks to rest and stretch muscles, reducing fatigue and preventing strain injuries.</li> </ul>
✓	<b>Sanitation</b>	<ul style="list-style-type: none"> <li>Crews have the required sanitation facilities on site.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Soap and hand sanitizer available on each truck.</li> <li>Employees have permission to drive to designated restroom facilities if needed during work hours.</li> <li>No urination defecation on public property.</li> </ul>
✓	<b>Communication Limitations</b>	<ul style="list-style-type: none"> <li>Crew has alternative communication plans and equipment in place if required.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Specialized equipment emergency planning</li> <li>Remote location rescue</li> <li>Emergency Planning</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Before commencing work, verify phone service availability in the area to ensure reliable communication.</li> <li>Implement alternative communication methods, such as two-way radios, hand signals, or designated meeting points, for situations where direct verbal communication is not possible or limited.</li> <li>Document the nearest cell service area or communicate with homeowners in remote locations lacking service to establish alternative communication options, such as landline usage.</li> <li>Utilize two-way radios when flaggers are not within visual range to maintain communication and coordinate traffic control effectively.</li> </ul>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
✓	<b>Contaminated Soil</b>	<ul style="list-style-type: none"> <li>• Crew has appropriate spill kits on site for the equipment and processes in use.</li> <li>• Crews use proper techniques when mitigating contaminated soil.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Power Saw Fueling Procedures</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• All vehicles equipped with spill kits to facilitate rapid response and containment of spills during transportation or on-site operations, minimizing environmental impact and potential hazards.</li> <li>• Regular inspections of vehicles to identify potential sources of contamination or leaks, addressing any issues promptly to prevent spills or environmental damage.</li> <li>• Control and clean up small spills promptly to prevent further contamination.</li> <li>• Immediately contact a third-party service provider for spills exceeding 5 gallons to ensure proper containment, cleanup, and disposal in accordance with regulations.</li> </ul>
✓	<b>Weather Conditions</b>	<ul style="list-style-type: none"> <li>• Wind and weather allow for work to be completed safely.</li> <li>• Crews stop work in hazardous weather conditions.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Storm Work - Safety Meeting</li> <li>• Work Spotter Responsibilities</li> <li>• Stop Work Authority Policy</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Do not work above conductors during periods of high winds to mitigate the risk of electrical hazards.</li> <li>• Continuously monitor weather conditions using the designated weather app to stay informed about changing weather patterns and potential hazards.</li> <li>• Stop all work immediately when weather conditions become unsafe, including strong winds, lightning storms, heavy rain, or other hazardous conditions.</li> <li>• Do not work aloft during active lightning strikes to minimize the risk of electrocution or injury.</li> </ul>
✓	<b>Environmental Conditions</b>	<ul style="list-style-type: none"> <li>• There is ample potable water, shade, and opportunity for rest on site.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> </ul>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
		<ul style="list-style-type: none"> <li>The weather and site conditions are safe for work.</li> <li>The site is clear of biological hazards (e.g. animals, insects) prior to work.</li> </ul>	<ul style="list-style-type: none"> <li>Heat Illness Prevention Program</li> <li>Injury and Illness Prevention Program</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>2 quarts of water per hour per person.</li> <li>Monitor personal hydration levels and take breaks as needed to prevent dehydration and heat-related illnesses.</li> <li>Cease trimming activities above lines in the event of high winds; operations should cease entirely when wind speeds reach 30 MPH.</li> <li>Include a reminder about drinking water and caution about high temperatures in the Job Briefing.</li> <li>Use sunscreen and protective clothing to minimize sun exposure and reduce the risk of sunburn or heat-related skin damage.</li> <li>Work operations halted during active lightning storm.</li> <li>Stay informed about local environmental hazards such as poisonous plants, hazardous wildlife, or contaminated areas.</li> <li>Document any presence of stinging insects, dogs, or wildlife in the Job Briefing, ensuring awareness and appropriate precautions are taken.</li> </ul>
✓	<b>Remote Work</b>	<ul style="list-style-type: none"> <li>Crew has a remote communication plan in place.</li> <li>Crew has an emergency action plan that overcomes remote work barriers.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Emergency Action Plan</li> <li>Job Briefing</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Develop an Emergency Action Plan (EAP) during the pre-job briefing to address potential emergencies or hazards specific to the remote work location.</li> <li>Discuss cell service availability or alternative communication methods, ensure everyone is aware of communication limitations and safety protocols.</li> </ul>



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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>• Park trucks facing outwards for quick and easy access in case of emergencies or the need to leave the remote work location swiftly.</li> <li>• Document the nearest cell service area or alternative phone usage options in the Job Briefing.</li> </ul>
✓	<b>Emergency Evacuation Limitations</b>	<ul style="list-style-type: none"> <li>• Crew has an effective evacuation plan in place that takes in consideration evacuation limitations.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Emergency Planning</li> <li>• Job Briefing</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Discuss and document an emergency meeting place in the Job Briefing, with a backup plan outlined in case the primary meeting place is inaccessible or compromised.</li> <li>• Ensure vehicles are parked facing outward to facilitate a quick and safe exit in the event of an emergency.</li> <li>• Suppress small fires using available resources but prioritize personal safety and leave the area if a fire becomes uncontrollable.</li> </ul>
✓	<b>Noise</b>	<ul style="list-style-type: none"> <li>• Crews are wearing appropriate hearing protection based upon the noise level of the site.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• PPE</li> <li>• Job Briefing</li> <li>• Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Wear hearing protection whenever working within 25 feet of equipment generating noise levels exceeding 80 decibels, such as power saws or chippers, to prevent hearing damage.</li> <li>• Include noise management procedures in the pre-job briefing, ensuring that all workers are aware of the risks associated with excessive noise exposure and the importance of using hearing protection.</li> </ul>
✓	<b>Working Over/Near Water</b>	<ul style="list-style-type: none"> <li>• Employees are wearing approved life jackets or buoyant work vests.</li> <li>• Crew has an action plan in place</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Water Rescue Procedures</li> </ul>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
			<ul style="list-style-type: none"> <li>• Additional hazards</li> <li>• Job Briefing - Special Precautions</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Use proper fall protection measures, including tying off on steep terrain near water, to prevent falls and potential drowning hazards.</li> <li>• Wear proper floatation device when fall in could occur.</li> <li>• Buddy checks system for workers operating near water, ensuring that individuals are never left unattended and have support in case of emergencies.</li> <li>• Safety plan discussed and documented on job briefing.</li> </ul>
✓	<b>Low Visibility</b>	<ul style="list-style-type: none"> <li>• Crews have ample light to work safely.</li> <li>• Crew has taken inclement weather (fog) into consideration.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Night Work Zones</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Wear class 3 hi visibility apparel.</li> <li>• Exercise caution and reduce driving speed when operating vehicles in low visibility conditions.</li> <li>• Clean windshield and mirrors.</li> <li>• Portable lighting for night work.</li> <li>• No flagging operations during foggy, rainy days (except emergency).</li> <li>• Have communication protocols, such as two-way radios or hand signals, to maintain communication and coordination between workers in low visibility environments.</li> </ul>
☐	<b>Neighboring Facilities/Homeowner Issues</b>	<ul style="list-style-type: none"> <li>• Crew is aware of adjacent facilities that could affect the safety of their worksite.</li> <li>• Crews are aware of, and avoid, dangerous persons or animals on adjacent properties.</li> <li>• Vehicles are clearly marked and identifiable.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Job Briefing Overview</li> <li>• Job Briefing - Hazard Identification &amp; Special Precautions</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• PCTE vehicles marked with company logo.</li> <li>• Prioritize customer contact before commencing trimming activities to notify them of the work and address any concerns or preferences they may have.</li> </ul>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
		<ul style="list-style-type: none"> <li>Crew engages the homeowner before entering their property</li> </ul>	<ul style="list-style-type: none"> <li>Identify potential hazards such as dogs, insects, or poisonous plants during the Job Briefing, and develop hazard mitigation strategies to minimize risks to crew members.</li> <li>Make every effort to avoid conflicts with irate customers by always maintaining a polite and respectful demeanor. If conflicts arise, notify supervision for assistance in resolving the situation calmly and professionally.</li> <li>Maintain a positive attitude and approach when interacting with customers, fostering a positive relationship and ensuring customer satisfaction.</li> </ul>
✓	Terrain	<ul style="list-style-type: none"> <li>Crews have appropriate footwear for the worksite terrain.</li> <li>Mitigations have been implemented with regards to terrain and weather conditions that may adversely affect the safe operations of vehicles.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Slips, Trips, and Falls Training</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Conduct thorough site assessments before beginning work to identify potential hazards such as uneven terrain, loose soil, or rocky areas, and implement appropriate safety measures to mitigate risks.</li> <li>Check footwear during job site visits and morning safety meetings to ensure that employees are wearing appropriate footwear for the tasks at hand, reducing the risk of slips, trips, and falls.</li> <li>Enforce the use of fall protection measures, such as tying off, when working on steep slopes to prevent falls and injuries.</li> </ul>
☐	Toxic Metals (including Lead)	<ul style="list-style-type: none"> <li>Toxic dust is mitigated.</li> <li>Crew is using appropriate PPE for TM/lead exposure.</li> <li>Exposure is less than .03 mg/m3.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
☐	<b>Asbestos</b>	<ul style="list-style-type: none"> <li>• All Presumed Asbestos Containing Material (PACM) is left undisturbed and the proper notifications made to Edison.</li> <li>• Required Cal OSHA registration and signage is in place.</li> <li>• Crews do not exceed the permissible exposure limits (PEL).</li> <li>• Daily monitoring is in place as required.</li> <li>• Appropriate respirators are provided and used as required.</li> <li>• Crew is using most effective method to control dust and debris.</li> <li>• Crews are using appropriate tools and techniques around asbestos.</li> <li>• Approved abatement techniques are used.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
☐	<b>Asphalt Fumes</b>	<ul style="list-style-type: none"> <li>• Crew is using low-fuming asphalt if possible.</li> <li>• Crew is using the proper size kettle for the job.</li> <li>• Kettle is placed on a level location, downwind, and close to the work area.</li> <li>• The kettle is in good condition.</li> <li>• Crew is using respiratory protection if required.</li> <li>• Kettle is placed with the inside of the lid facing in a direction that affects the least number of people.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
☐	<b>Carbon Monoxide</b>	<ul style="list-style-type: none"> <li>• Crew exposure to CO is eliminated.</li> <li>• Forced ventilation is sufficient to reduce exposure to acceptable levels.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p>

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✓	Primary Hazard / Activity / Conditions	SCE Critical Observable Actions (COAs)	Contractor Mitigation Plan (with references)
		<ul style="list-style-type: none"> <li>Crews are using respiratory protection as required.</li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
☐	<b>Chromium VI</b>	<ul style="list-style-type: none"> <li>Crew has established a regulated area where exposure to Cr(VI) may exist.</li> <li>Crew has isolated the source of exposure.</li> <li>There is ample ventilation in place to capture airborne Cr(VI).</li> <li>Crews are wearing appropriate PPE.</li> <li>Worksite has appropriate hygiene facilities.</li> <li>Crew is exercising proper housekeeping to reduce exposure to Cr(VI).</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
✓	<b>COVID-19</b>	<ul style="list-style-type: none"> <li>Crews are following current guidelines</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Covid 19 Pandemic Policy</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Maintain 6 feet social distancing from coworkers and public.</li> <li>Do not come to work sick.</li> <li>Frequent handwashing with soap and water for at least 20 seconds.</li> <li>Ensure members of the public maintain a safe distance of 6 feet when interacting with them.</li> <li>Notify employer of any COVID-19 symptoms.</li> </ul>
☐	<b>Other</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

## Vehicle Operations

✓ Vehicle Operations		
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
✓ <b>Parking</b>	<ul style="list-style-type: none"> <li>Stowed and parked trailers are adequately secured</li> <li>Vehicles are parked with emergency parking system activated</li> <li>Vehicles are locked and secured when not in use</li> <li>Crew evaluates the site prior to departure</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Aerial device safety</li> <li>Aerial device components and daily inspection</li> <li>Truck daily inspection</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Regular maintenance and inspection schedules for vehicles and equipment to ensure they are in safe working condition and compliant with safety standards.</li> <li>Prior to each trip, activate and check the parking brake to ensure it is functioning properly, as part of the Driver Inspection Report (DIR) process.</li> <li>Wheel chocks are placed on the downhill side of vehicles at every stop to prevent accidental rolling or movement, especially on sloped terrain.</li> <li>Remove vehicle and chipper keys when the equipment is left unattended to prevent unauthorized use or theft.</li> <li>Conduct a 360-degree walk-around inspection of the vehicle before operation to identify any potential hazards, damage, or issues that may affect safety or performance.</li> <li>Report any vehicle-related concerns or issues promptly to management.</li> </ul>
✓ <b>Collision</b>	<ul style="list-style-type: none"> <li>Vehicle has been inspected prior to use (documented).</li> <li>Crew has a pre-planned route.</li> <li>Roads are confirmed safe to drive.</li> <li>Driver avoids distractions.</li> <li>Driver maintains safe distance.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Job Briefing – Work Procedures &amp; Special Precautions</li> <li>Driving Safety Program</li> <li>Driving Safety Training</li> <li>Critical Observable Actions (COA's)</li> </ul>

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		<ul style="list-style-type: none"> <li>• Driver maintains a safe speed.</li> <li>• Driver uses turn signals.</li> </ul>	<ul style="list-style-type: none"> <li>• Distracted Driving Policy</li> </ul> <p><b>Contractor’s Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Conduct a thorough pre-trip inspection of the vehicle before each journey to identify any potential issues or hazards that may affect safety or performance.</li> <li>• All drivers are qualified and authorized to operate the specific vehicle they are driving, including possessing the necessary licenses and certifications.</li> <li>• Follow strict policy prohibiting the use of cell phones while operating commercial vehicles, with exceptions made for hands-free devices in pickup trucks to minimize distractions and maintain focus on the road.</li> <li>• Before traveling during inclement weather, obtain updated road conditions to assess potential hazards and plan routes accordingly.</li> <li>• Take regular breaks during long journeys to prevent fatigue and maintain alertness,</li> <li>• Maintain a safe following distance between your vehicle and the one ahead, allowing for the size and weight of the equipment being driven, and use turn signals well in advance of any turns or lane changes to communicate intentions clearly to other drivers.</li> <li>• In the event of a commercial accident, obtain third-party information and promptly contact the California Highway Patrol (CHP) to report the incident and facilitate necessary investigations.</li> </ul>
✓	<b>Rollover</b>	<ul style="list-style-type: none"> <li>• Driver uses low gears down declines.</li> <li>• Driver navigates turns at a conservative and safe speed.</li> <li>• Consider soil conditions when driving off road</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• Driving Safety Program</li> <li>• Driving Safety Training</li> <li>• Critical Observable Actions (COA’s)</li> </ul> <p><b>Contractor’s Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Before driving off-road, carefully assess the terrain to ensure that the road is free from large rocks, loose soil, and other obstacles.</li> <li>• Verify that the road edges are stable and safe to prevent the risk of vehicle rollovers or accidents.</li> <li>• Adapt your speed to the terrain conditions, reducing speed when driving over rough or uneven terrain to maintain control of the vehicle.</li> </ul>

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			<ul style="list-style-type: none"> <li>• Never drive past the point of visibility when ascending slopes, ensuring that you can see the path clearly ahead to avoid unexpected obstacles or hazards.</li> <li>• Use low gears and choose a straight path when descending slopes to control speed and direction effectively, reducing the risk of loss of control and rollovers.</li> <li>• Never allow vehicles to roll back freely, especially on inclines, by engaging brakes or using appropriate control techniques to maintain position.</li> <li>• Exercise caution when traversing slopes, ensuring that seatbelts are securely fastened in case the vehicle begins to roll, and always maintain control.</li> <li>• Engage 4WD or AWD mode when driving off-road to improve traction and stability, especially in challenging terrain such as mud, sand, or steep inclines.</li> <li>• Always look ahead and adjust your speed accordingly to ensure that any turns can be navigated safely.</li> <li>• Remain vigilant and attentive while driving off-road, scanning the terrain for potential hazards.</li> </ul>
✓	<b>Driving with a Trailer</b>	<ul style="list-style-type: none"> <li>• Trailer connections are sound.</li> <li>• Trailer has been inspected and confirmed to be in good condition.</li> <li>• Trailer is the appropriate size for load (trailer loaded correctly).</li> <li>• Crew uses a chase vehicle (comms between the two) with oversized loads.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Driving Safety Program</li> <li>• Driving Safety Training</li> <li>• Critical Observable Actions (COA's)</li> <li>• Trailer/Chipper daily inspections</li> <li>• Connecting and disconnecting towed unit</li> <li>• Driver Inspection Report (DIR)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Before towing a trailer, thoroughly inspect both the towing vehicle and trailer using a Driver Inspection Report (DIR) to ensure they are in proper working condition and free from any defects or issues that could compromise safety.</li> <li>• Before towing, verify that all trailer lights and signals, including brake lights, turn signals, and hazard lights, are working correctly.</li> </ul>



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			<ul style="list-style-type: none"> <li>• If the trailer is equipped with brakes, regularly inspect, and maintain them to ensure they are functioning correctly and provide adequate stopping power when needed.</li> <li>• Always use safety chains or cables to connect the trailer to the towing vehicle as a secondary attachment point in case the primary hitch fails, preventing the trailer from separating and causing accidents.</li> <li>• Ensure that the weight is evenly distributed over the trailer and centered to prevent instability or sway.</li> <li>• If towing a trailer over 20 feet, ensure that the load is loaded correctly with the weight positioned over the center of the trailer.</li> <li>• Avoid overloading the trailer beyond the vehicle's capacity.</li> <li>• Drive cautiously and avoid sudden maneuvers or abrupt braking when towing a trailer to maintain stability and control, reducing the risk of swaying, jackknifing, or loss of control.</li> <li>• Chase vehicle is necessary if the load extended over the rear of trailer you are towing.</li> <li>• Driving Safety Training and Driving Safety Observation (DSO).</li> <li>• When cornering or navigating tight spaces, drivers should allow sufficient room for the chipper or other equipment being towed to clear obstacles and corners safely.</li> </ul>
✓	<b>Backing</b>	<ul style="list-style-type: none"> <li>• Crew is using spotter when backing vehicles.</li> <li>• Driver performs Circle of Safety (360 degrees) prior to backing when there is no spotter.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Driving Safety Program</li> <li>• Driving Safety Training</li> <li>• Critical Observable Actions (COA's)</li> <li>• Backing of Vehicles Policy</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Whenever possible, avoid backing up vehicles without the assistance of a spotter or helper to provide guidance and ensure safety. If a spotter is not available, conduct a thorough 360-degree walk-around of the vehicle before backing to check for obstacles, pedestrians, or other hazards in the vicinity.</li> <li>• Spotters must effectively communicate with drivers and provide clear guidance during backing maneuvers.</li> <li>• Vehicles equipped with back up alarm or sound horn before backing.</li> </ul>

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			<ul style="list-style-type: none"> <li>• Ensure that mirrors are adjusted properly to provide the driver with maximum visibility of the vehicle's surroundings, minimizing blind spots and enhancing safety during backing operations.</li> <li>• Spotters to remain visible to the driver at all times and avoid standing directly behind the vehicle to prevent accidents or injuries in case of unexpected movements.</li> </ul>
✓	<b>Load Securement</b>	<ul style="list-style-type: none"> <li>• Loads are secured properly using approved rigging equipment and procedures.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• Driving Safety Program</li> <li>• Driving Safety Training</li> <li>• Documentation of Job Briefing</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Ensure that all tools are stored in designated, secure storage areas when not in use to prevent them from becoming projectiles or causing injury in the event of sudden stops or impacts.</li> <li>• Ladders carried on designated area.</li> <li>• Perform a thorough 360-degree walk-around inspection to confirm that all tools and equipment are properly stored, secured, and accounted for.</li> </ul>
✓	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>• Crew maintains 3 points of contact when ascending and descending.</li> <li>• Walking surfaces are free of tripping hazards and oil.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program – Bucket Operator</li> <li>• Fall from Heights – Training</li> <li>• Aerial Lift Operations</li> <li>• Climbing Operations</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Regularly inspect all equipment, including bucket trucks and cab guards, for any signs of damage, wear, or hydraulic leaks. Promptly clean oil from cab guards and repair any hydraulic leaks to maintain a safe working environment and prevent slips, trips, or falls.</li> <li>• Use three points of contact and 100% tie-in when working at heights to minimize the risk of falls.</li> <li>• Clip in to bucket before climbing in, remain clipped in until safely secured on the cab guard.</li> <li>• Repair or replace any faulty equipment promptly.</li> </ul>
✓	<b>Overhead Obstructions</b>	<ul style="list-style-type: none"> <li>• Crew uses a spotter to avoid overhead obstructions.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• Driving Safety Program</li> </ul>

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		<ul style="list-style-type: none"> <li>• Equipment (boom, etc.) is properly stowed.</li> </ul>	<ul style="list-style-type: none"> <li>• Driving Safety Training</li> <li>• Critical Observable Actions (COA's)</li> <li>• Backing of Vehicles Policy</li> <li>• Boom Spotter</li> <li>• Stop Work Authority Policy</li> <li>• Situational Awareness</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Before relocating the vehicle or aerial platform, ensure that the boom is securely stowed and properly tied down.</li> <li>• Have the designated spotter to assist the driver during movement and positioning of the vehicle.</li> <li>• Tools and equipment are properly stored and secured.</li> <li>• Driver knows vehicle height.</li> <li>• Vehicles equipped with decal indicating the height of the vehicle (in cab).</li> </ul>
✓	<b>Off-road</b>	<ul style="list-style-type: none"> <li>• Crews maintain speeds appropriate to road conditions.</li> <li>• 4X4 required for off-road travel</li> <li>• Crews observe all postings and signs, and all environmental limitations</li> <li>• Crews observe OHV rules and procedures</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Driving Safety Program</li> <li>• Driving Safety Training</li> <li>• Winching and equipment recovery</li> <li>• Off-road operations</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Avoid using ropes or cables to recover stuck equipment.</li> <li>• Ensure that equipment operators remain on established roadways and designated work areas at all times.</li> <li>• Off-road driving should be avoided unless necessary and authorized.</li> <li>• Choose parking locations that are clear of vegetation and debris to reduce the risk of ignition and wildfire.</li> <li>• Maintain a safe and appropriate speed at all times, taking into account the prevailing weather, road conditions, visibility, and terrain.</li> <li>• Avoid driving faster than conditions permit to ensure control, stability, and safety while operating the equipment.</li> </ul>
☐	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor's Mitigation:</b></p>

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			<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>
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## Additional Hazard Categories

All steps must be completed for Safety Tier 1 and Safety Tier 1 HR work

1. **Edison Rep:** Click the triangle next to each section heading to reveal that section's table
2. **Edison Rep:** Check the box next to each applicable hazard category
3. **Edison Rep:** Leave the sections fully expanded if the category is applicable to the scope of work
4. **Contractor:** Completes the mitigation plan
5. **Edison Rep and Contractor:** Leave all sections that have been completed fully expanded when signing the final document

## General Hazards

### Forklifts / All-Terrain Forklifts

<input type="checkbox"/> Forklifts / All-Terrain Forklifts			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>General</b>	<ul style="list-style-type: none"> <li>• Forklift is in safe working condition.</li> <li>• Operator is wearing a seatbelt at all times.</li> <li>• Operator keeps hands and feet inside the cab.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Rollover</b>	<ul style="list-style-type: none"> <li>• Operator remains off slopes too steep for safe operation.</li> <li>• Operator moves the forklift at a safe speed.</li> <li>• Operator never turns on a grade.</li> <li>• Operator does not drive with forks elevated.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Load Stability</b>	<ul style="list-style-type: none"> <li>• Loads are stable and secure.</li> <li>• Load within capacity of forklift.</li> <li>• Operator only drives forward with load up grade if grade is &gt;10%.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

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<input type="checkbox"/>	<b>Collision</b>	<ul style="list-style-type: none"> <li>Operator maintains a clear view of path of travel.</li> <li>Operator backs safely.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

## Cranes and Suspended Loads

<input type="checkbox"/> <b>Cranes and Suspended Loads</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Crane Instability</b>	<ul style="list-style-type: none"> <li>The crew has a lift plan in place.</li> <li>Operator is certified and qualified.</li> <li>Crane configuration and capacity sufficient for the weight of the load.</li> <li>Outrigger and pads are in place.</li> <li>Ground is stable.</li> <li>Weather is safe for crane operation.</li> <li>Equipment has been inspected and confirmed in good condition.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA PCTE doesn't use cranes</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Overhead Obstructions</b>	<ul style="list-style-type: none"> <li>There is a qualified engaged observer.</li> <li>The operator has an acceptable flight plan in place.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA PCTE doesn't use cranes</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

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<input type="checkbox"/>	<b>Rigging Failure</b>	<ul style="list-style-type: none"> <li>• Rigging is tagged and in good condition.</li> <li>• Rigging is sufficient for the weight of the load.</li> <li>• The load is rigged correctly.</li> <li>• The crew is using tag lines to control the load if applicable.</li> <li>• Rigging is protected against sharp edges.</li> <li>• The load is not flown over crew members, pedestrians, etc.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA PCTE doesn't use cranes</li> <li>•</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Loss of Control of the Load</b>	<ul style="list-style-type: none"> <li>• Use of taglines when appropriate.</li> <li>• Load is plumb prior to lift.</li> <li>• Equipment is operated properly and as intended.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA PCTE doesn't use cranes</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Electrical Contact</b>	<ul style="list-style-type: none"> <li>• There is a qualified engaged observer.</li> <li>• The insulated stage of the digger derrick is extended.</li> <li>• Equipment is barricaded when working near energized primary conductors.</li> <li>• Conductors are spread.</li> <li>• Crew has proper cover in place.</li> <li>• There is effective communication between spotter and operator.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA PCTE doesn't use cranes</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

## Bulk Fuel Storage and Transport

# Contractor Orientation and Safety Plan

<input type="checkbox"/> Bulk Fuel Storage and Transport		
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAS)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/> <b>Explosion</b>	<ul style="list-style-type: none"> <li>Fuel is stored in approved containers.</li> <li>Fuel quantity storage does not exceed local fire code limitations.</li> <li>"No Smoking" and/or "No Open Flame" signs are posted.</li> <li>Conditions from which spontaneous ignition could produce a fire, are not present.</li> <li>Fire suppression is strategically placed.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA PCTE doesn't use fuel storage or transport</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/> <b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

## Ladders, Platforms and Aerial Devices

✓ Ladders, Platforms and Aerial Devices		
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAS)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
✓ <b>Equipment Failure</b>	<ul style="list-style-type: none"> <li>All equipment is pre-inspected and in good condition.</li> <li>Equipment is utilized within manufacturer's specifications.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program - Bucket Operator</li> <li>Aerial device safety</li> <li>Aerial device components and daily inspection</li> <li>Truck daily inspection</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Regular maintenance schedule for all equipment, including routine inspections, lubrication, and servicing.</li> <li>Before each use, conduct a thorough inspection of the equipment.</li> </ul>



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			<ul style="list-style-type: none"> <li>Annual inspections and dielectric tests conducted by qualified third-party professionals to assess the overall condition and safety compliance of the equipment.</li> <li>Complete daily inspection reports specifically for trim lifts, documenting any observations, issues, or maintenance needs identified during the inspection.</li> <li>Each aerial lift is equipped with its respective aerial lift manual.</li> </ul>
✓	<b>The Bight</b>	<ul style="list-style-type: none"> <li>The crew has accurately identified and avoids the bight.</li> <li>The crew keeps their hands within the bucket while moving.</li> <li>The hydraulic system of the truck appears in good condition.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program - Bucket Operator</li> <li>Aerial Lift Safety Operations</li> <li>Aerial lift components and daily inspection</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Conduct daily inspections of trim lifts and thoroughly document any observations, issues, or maintenance needs identified during the inspection.</li> <li>Operators should be mindful of overhead obstructions, such as power lines, branches, or building overhangs, and maintain a safe distance to prevent contact or entanglement.</li> <li>Operators should always face the direction of travel when operating aerial lifts to maintain proper visibility and control.</li> <li>Operators must keep all body parts, including hands, arms, and legs, inside the basket at all times during operation.</li> <li>Overreaching or extending beyond the basket's confines can lead to serious injuries or entanglement with nearby structures or equipment.</li> <li>Operators should be vigilant and aware of pinch points when operating aerial lifts, such as between the basket and adjacent structures or equipment.</li> </ul>
✓	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Ladders and platforms are stabilized properly.</li> <li>Fall protection attached to an appropriate anchorage point.</li> <li>The ladder is placed on a secure and level footing.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>Ladder Safety Training</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Ensure the ladder base is tied off and secured to prevent it from slipping or shifting during use.</li> </ul>

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		<ul style="list-style-type: none"> <li>Ladders are secured from falling over.</li> <li>Ladders extend 3 feet above the landing surface.</li> <li>Employees avoid overreaching when working from a ladder.</li> <li>Employees maintain 3 points of contact with the ladder at all times.</li> <li>The ladder is placed so that the horizontal distance from the top support to the foot of the ladder is one-quarter of the working length of the ladder.</li> <li>Employees do not work from top three rungs of an extension ladder.</li> <li>Employees maintain their footing on the main platform at all times.</li> <li>If required, employees are using a personal protection system while working from a ladder.</li> </ul>	<ul style="list-style-type: none"> <li>Have a coworker hold the ladder steady when ascending to provide additional stability and support.</li> <li>100% tie in, tie in before ascending the ladder.</li> <li>Before using the ladder, ensure it is placed on a stable and level surface to prevent tipping or instability.</li> <li>Avoid placing the ladder on steep slopes or uneven terrain that could compromise its stability.</li> <li>Inspect the ladder thoroughly before each use to check for any signs of damage, defects, or wear. Ensure all components, such as rungs, rails, and hardware, are in good condition and functioning properly.</li> <li>Only use non-conductive ladders, such as fiberglass ladders, when working near electrical hazards to prevent the risk of electric shock or electrocution.</li> <li>Position the ladder at the correct angle by ensuring the base is one foot out for every four feet raised.</li> <li>Reposition the ladder as necessary to maintain a comfortable working position and minimize the risk of falls.</li> <li>Always maintain three points of contact with the ladder when ascending or descending, such as two hands and one foot or two feet and one hand.</li> <li>Do not work from top rungs.</li> <li>Remove ladder after ascent.</li> <li>Avoid leaning or placing excessive pressure on pole structures, cables, or other objects while using the ladder.</li> <li>Do not drop limbs, tools, or other objects on the ladder.</li> <li>Always wear all required personal protective equipment (PPE), including fall protection.</li> </ul>
✓	<b>Dropped Objects</b>	<ul style="list-style-type: none"> <li>Crew has established a clearly defined drop zone.</li> <li>Tools and materials are tethered or secured.</li> <li>Crews are using handlines.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Stay of the Drop Zone</li> <li>Ladder safety training</li> <li>Utility pruning, establishing the drop zone</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Before beginning work, establish a designated drop zone for debris and materials.</li> </ul>

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			<ul style="list-style-type: none"> <li>• Ensure the drop zone is clear of workers, equipment, and other obstructions to prevent injuries from falling objects.</li> <li>• Ensure clear communication and coordination during work at heights.</li> <li>• Use tool lanyards, tethers, or other securing devices to prevent tools and equipment from accidentally falling from elevated positions.</li> <li>• Ensure that all tools are properly secured when not in use.</li> <li>• When transporting tools or equipment to elevated positions, use a handline to safely raise them to the desired height.</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	•	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>

## Demolition

<input type="checkbox"/> Demolition			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Flying Objects</b>	<ul style="list-style-type: none"> <li>• The crew is wearing eye protection.</li> <li>• The crew has barricaded the work area.</li> <li>• The crew is using proper equipment with which to chip.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Silica / Dust</b>	<ul style="list-style-type: none"> <li>• Crew is wearing appropriate respiratory protection.</li> <li>• Crew is using an effective method to minimize dust.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Electrical Contact</b>	<ul style="list-style-type: none"> <li>• There is a clearance, including open disconnects, visible tags, and warning blocks in place.</li> <li>• The crew has grounded their equipment as required.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>

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		<ul style="list-style-type: none"> <li>The crew has effectively bonded all objects within their work zone creating an equal potential work zone to incorporate into their grounding scheme</li> <li>The crew has defined their work space.</li> <li>Work area limits are delineated.</li> <li>The crew is using a Spotter/Checker.</li> <li>Proper warning signage is present.</li> <li>The crew is using the proper chipping tool, attachment, and technique.</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

## Blasting and Explosives

<input type="checkbox"/> <b>Blasting and Explosives</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>General Requirements</b>	<ul style="list-style-type: none"> <li>Competent Person is onsite and has a valid California Blaster's License.</li> <li>Warning signals are used leading up to firing.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Inadvertent Explosion</b>	<ul style="list-style-type: none"> <li>Explosives are stored properly, and caps are stored separately.</li> <li>No smoking within 50 feet.</li> <li>Explosives are at least 25 feet from electrical circuits.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

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		<ul style="list-style-type: none"> <li>Loaded holes and explosives are attended.</li> <li>Competent Person declares site safe to blast prior to firing sequence.</li> </ul>	
<input type="checkbox"/>	<b>Personal Injury</b>	<ul style="list-style-type: none"> <li>Explosives are transported safely.</li> <li>Blasting mats are used when flying material is a risk.</li> <li>The blasting crew waits at least 5 minutes before returning to the point of blasting (15 min for underground blasting).</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

## Chainsaws

✓ Chainsaws		
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
✓ <b>Laceration</b>	<ul style="list-style-type: none"> <li>Proper PPE, including chaps or pants (ground use), hard hat, hearing, and eye, protection.</li> <li>Right sized saw.</li> <li>Always use two hands when using a chain saw.</li> <li>Chain saw safety devices are in place and functional.</li> <li>A stable body position is maintained when using a chain saw.</li> <li>Avoid cutting in such a way that would cause kick-back.</li> <li>Do not use chainsaw above head.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Chainsaw Operations training</li> <li>Power tools – Safety Meeting</li> <li>PPE training</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Before using the chainsaw, inspect it thoroughly for any signs of damage, wear, or malfunction.</li> <li>Wear appropriate personal protective equipment (PPE) including hearing protection, safety glasses, and chainsaw chaps when operating the chainsaw.</li> <li>Keep both hands on the chainsaw at all times, with the thumb gripped around the front handle.</li> </ul>

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			<ul style="list-style-type: none"> <li>• Avoid starting cuts with the top front quadrant of the chainsaw (known as kickback zone) to prevent kickback accidents.</li> <li>• Do not cut above shoulder height to maintain better control and visibility while operating the chainsaw.</li> <li>• Ensure proper body positioning before using the chainsaw, especially when working in trees or elevated positions.</li> <li>• Keep the chain brake engaged when moving two steps or more to prevent accidental engagement of the chainsaw chain.</li> </ul>
✓	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>• Secondary tie-in when using a chainsaw aloft (Veg Man)</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Chainsaw Operations training</li> <li>• Climbing Operations training</li> <li>• Power tools – Safety Meeting</li> <li>• PPE training</li> <li>• Critical Observable Actions (COA's)</li> <li>• Climbing system and tie-in procedures</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Before each climb, thoroughly inspect all climbing gear, including harnesses, ropes, and lanyards, to ensure they are in good condition and free from defects.</li> <li>• Replace any damaged or worn-out equipment to maintain safety while climbing.</li> <li>• Ensure that the operator using the chainsaw aloft while climbing is properly trained and competent in safe climbing techniques and chainsaw operation.</li> <li>• When climbing aloft and using the chainsaw, always use two attachments to secure yourself and the saw.</li> <li>• Ensure that ropes, lanyards, and other equipment are kept clear of the chainsaw's cutting path or line of fire.</li> <li>• Inspect climbing gear before each climb.</li> </ul>
☐	<b>Dropped Objects</b>	<ul style="list-style-type: none"> <li>• When a chain saw is carried aloft it is secured against falling.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> </ul>

# Contractor Orientation and Safety Plan

			<ul style="list-style-type: none"> <li>Chainsaw Operations training</li> <li>Climbing Operations training</li> <li>Stay Out of the Drop Zone</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Hang the power saw securely on the climber's belt using an approved chainsaw lanyard or holster.</li> <li>Maintain awareness of the drop zone below and ensure that no workers or bystanders are within the area where debris or branches may fall during cutting operations.</li> <li>Stay clear of the drop zone to avoid the risk of injury from falling objects or hazards.</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	•	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

## Scaffolding

<input type="checkbox"/> Scaffolding			
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)	
<input type="checkbox"/> <b>Collapse</b>	<ul style="list-style-type: none"> <li>Scaffold components can support at least four times their maximum intended load.</li> <li>Scaffold is assembled per manufacturer instructions.</li> <li>Scaffold is certified and green tagged with all required information.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>	
<input type="checkbox"/> <b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Scaffold is fully planked with no more than 1" gap between planks.</li> <li>Platform is at least 18 inches wide.</li> <li>Guardrails are used if work height is &gt; 6 feet. Guardrail system</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> </ul>	

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>includes top rail; mid rail; toe board; and posts.</li> <li>Scaffold is 14 inches or less from face of work (if guardrails are removed).</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

## Enclosed Spaces / Confined Spaces

<input type="checkbox"/> Enclosed Spaces / Confined Spaces			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Hazardous Atmosphere</b>	<ul style="list-style-type: none"> <li>An attendant with first-aid training shall be immediately available outside the enclosed space.</li> <li>Atmosphere and environment is safe to enter.</li> <li>Atmospheric readings are continuously monitored and logged.</li> <li>Ventilation in place, if required, and placed away from sources of carbon monoxide.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Engulfment</b>	<ul style="list-style-type: none"> <li>Water is removed from the space.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Opening is barricaded or a dedicated spotter near the opening.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p>



# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>Ladders secured properly.</li> <li>Rescue retrieval system and plan are in place.</li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Dropped Objects</b>	<ul style="list-style-type: none"> <li>Hand lines are used when required.</li> <li>Tools and equipment are kept away from the opening.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li></li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> </ul>

## Civil Operations and Underground Work

### Trenching / Excavation

<input type="checkbox"/> Trenching / Excavation			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Utility Strike</b>	<ul style="list-style-type: none"> <li>Crew has a valid current USA ticket on site.</li> <li>Markings are clear and legible.</li> <li>Crew hand digs to reveal conflicting utilities (within 24 inches either side) before mechanized digging.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Cave In</b>	<ul style="list-style-type: none"> <li>The excavation is benched, sloped, or shielded as required.</li> <li>There is a means of access/egress within 25 feet of anyone working in the excavation.</li> <li>Spoil piles are at least two feet from the edge of the excavation.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>Vehicles are not parked directly adjacent to the excavation.</li> </ul>	
<input type="checkbox"/>	<b>Atmosphere</b>	<ul style="list-style-type: none"> <li>Atmosphere is tested if the excavation is deeper than 4 ft, or if the soil may be contaminated.</li> <li>Ventilation is used if required.</li> <li>Vehicles are parked so that exhaust is not entering the excavation.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>The crew is using proper fall protection when required.</li> <li>The crew has placed barricades around the excavation.</li> <li>The crew has placed signage to warn of the excavation.</li> <li>Excavations are covered or barricaded when unattended.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Civil Scope</b>	<ul style="list-style-type: none"> <li>Substation Electrical Checker is on site</li> <li>Underground Alert, DigAlert, 811 has been notified at least 72 hours prior</li> <li>USA Ticket on site</li> <li>Utilities are hand exposed to the point of no conflict 24" on either side of the underground facility before using power equipment</li> <li>Mandrel: QEW onsite per Qualified Electrical Worker (QEW) and No Test Orders (NTO) Policy for Underground Civil</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

# Contractor Orientation and Safety Plan

## Electrical Contact including Chipping on Encasement

<input type="checkbox"/> <b>Electrical Contact including Chipping on Encasement</b>		
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/> <b>Electrical Contact / Arc Flash</b>	<ul style="list-style-type: none"> <li>There is a Qualified Electrical Worker observing the work.</li> <li>The crew has No-Test Orders in place on all circuits contained within the package.</li> <li>The crew is using an appropriate tool / gad to chip (never a pointed gad).</li> <li>The crew is using proper chipping technique to avoid contact.</li> <li>The excavation is safe to enter.</li> <li>The crew has appropriate PPE for chipping.</li> <li>Contractor is operating per the latest version of the SCE standard for chipping on or around encased conduit(s) housing energized cable.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/> <b>Silica Dust</b>	<ul style="list-style-type: none"> <li>The crew is controlling silica dust according to regulatory requirements.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/> <b>Qualified Chipping List:</b>	<ul style="list-style-type: none"> <li>Contractor employee has passed skills assessment and written test by [CONTRACTOR COMPANY NAME] and is listed on the Qualified Chipping List</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> </ul>
<input type="checkbox"/> <b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

# Contractor Orientation and Safety Plan

			<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>
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## Caissons and Cofferdams

<input type="checkbox"/> Caissons and Cofferdams			
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)	
<input type="checkbox"/> <b>Fall from Height</b>	<ul style="list-style-type: none"> <li>• Crews are provided adequate fall protection when working at heights.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul>	<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/> <b>Hazardous Atmosphere</b>	<ul style="list-style-type: none"> <li>• An emergency rescue plan is developed and in place.</li> <li>• The employer shall assign a competent person who shall perform all air monitoring.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul>	<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/> <b>Noise and Vibration</b>	<ul style="list-style-type: none"> <li>• Workers use hearing protection when required.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul>	<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/> <b>Flooding</b>	<ul style="list-style-type: none"> <li>• Rock bolts meet the necessary torque.</li> <li>• A competent person has determined acceptable ground stability.</li> <li>• Shafts are subjected to a hydrostatic or air-pressure test.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul>	<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>• A shield is erected therein for the protection of the employees as required.</li> <li>• All caissons having a diameter or side greater than 10 feet are provided with a man lock and shaft for the exclusive use of employees.</li> <li>• If overtopping of the cofferdam by high waters is possible, means are provided for controlled flooding of the work area.</li> </ul>	
<input type="checkbox"/>	<b>Other:</b>	•	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> </ul>

## Drilling Operations

<input type="checkbox"/> <b>Drilling Operations</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Utility Strike</b>	<ul style="list-style-type: none"> <li>• Utilities have been properly marked.</li> <li>• Conflicted utilities have been hand exposed before mechanical drilling.</li> <li>• The drill head is always tracked to ensure that it stays on course.</li> <li>• Workers do not touch the pipe string or equipment when the drill is being pushed into the ground.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Struck By</b>	<ul style="list-style-type: none"> <li>• Workers stay clear of the rotating drill and shaft.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>Workers are not standing in the receiving pit or area where the drill is expected to exit.</li> <li>Swing radius of rotating equipment is clearly demarcated.</li> </ul>	<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Tunnel Collapse</b>	<ul style="list-style-type: none"> <li>Cal OSHA Mining and Tunneling Unit has performed a pre-job safety conference if required.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Hazardous Atmosphere</b>	<ul style="list-style-type: none"> <li>The gas hazards of the tunnel have been properly classified.</li> <li>Ventilation and fresh air flow meet the required minimum standards.</li> <li>There is a written record of atmospheric readings on site.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Crews have established a Restricted Access Zone (RAZ) if the hole is to exceed 6 feet deep.</li> <li>There is adequate fall protection installed as required.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Horizontal / Directional Drilling:</b>	<ul style="list-style-type: none"> <li>Underground Alert, DigAlert, 811 has been notified at least 72 hours prior</li> <li>USA Ticket on site</li> <li>Utilities are hand exposed to the point of no conflict 24" on either side of the underground facility before using power equipment</li> <li>The crew has accurately identified, and avoids, the bight</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>NA</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li></li> </ul>

# Contractor Orientation and Safety Plan

Contractor  
Safety

Version 1.0  
Sep 1, 2023

Approved  
for Release

			<b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> </ul>
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## Electrical Work

### Working from Structures / Poles

<input type="checkbox"/> Working from Structures / Poles			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>• The crew is using 100% fall protection.</li> <li>• Personal fall protection and equipment is in good condition and worn correctly.</li> <li>• Fall protection attached to appropriate anchorage point.</li> <li>• Pole is adequately supported if required, before climbing.</li> <li>• Fall protection attached to appropriate anchorage point.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• N/A – PCTE personnel do not work from pole structures.</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Compromised Structures</b>	<ul style="list-style-type: none"> <li>• The crew has confirmed the structure is safe to climb (visually and physically).</li> <li>• Structure is adequately supported if required, before climbing.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Energized Low-Voltage Conductors or Apparatus (&lt; 250 volts phase to ground)</b>	<ul style="list-style-type: none"> <li>• For &lt; 250 volts phase to ground, no employees are to touch exposed conductors or apparatus without suitable approved personal protective equipment</li> <li>• For 250 to 600 volts the use of approved rated insulated gloves is mandatory</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

<input type="checkbox"/>	<b>Other:</b>	•	<b>Contractor Safety Program Reference:</b> • <b>Contractor Mitigation:</b> • • •
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## Pulling or Removing Conductor or Cable

<input type="checkbox"/> Pulling or Removing Conductor or Cable			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Induction / Electrical Contact</b>	<ul style="list-style-type: none"> <li>• Approved site-specific grounding plan is in place.</li> <li>• Equipment is EPZ grounded.</li> <li>• All equipment on site is bonded properly.</li> <li>• Equipment barricaded and proper personnel transition is in place.</li> </ul>	<b>Contractor Safety Program Reference:</b> • NA <b>Contractor Mitigation:</b> • • •
<input type="checkbox"/>	<b>Dropped Wire</b>	<ul style="list-style-type: none"> <li>• Wire is sound for pull (splices, rigging, tools, etc).</li> <li>• There is an approved pull plan on site.</li> <li>• Guard structures are in place.</li> <li>• Adequate cover over hot crossings is in place.</li> <li>• Line status is confirmed.</li> <li>• Traffic/pedestrian security is in place.</li> <li>• Traffic and railroad crossing permits are in place as required.</li> <li>• Effective radio communication is established.</li> <li>• Qualified observers are present at critical points.</li> </ul>	<b>Contractor Safety Program Reference:</b> • NA <b>Contractor Mitigation:</b> • • •



# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>The crew is using proper bypass tension.</li> <li>There is proper tension on pullers.</li> </ul>	
<input type="checkbox"/>	<b>Rigging Failure</b>	<ul style="list-style-type: none"> <li>Ensure proper rigging meets anticipated tensions.</li> <li>Rigging equipment is in good condition.</li> <li>Rigging is applied correctly (grips, hoists, slings, shackles, etc.)</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Equipment Failure</b>	<ul style="list-style-type: none"> <li>Equipment has been inspected, has valid certifications, and is in good condition.</li> <li>Equipment is set up correctly.</li> <li>Crew is using correct equipment for the job.</li> <li>Equipment operated in a safe manner and as designed.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Structure Failure</b>	<ul style="list-style-type: none"> <li>Structure is visibly sound.</li> <li>Tension is within structure capacity.</li> <li>Foundation integrity has been confirmed.</li> <li>Guy wire and supports will be removed only after the structure is confirmed to be structurally sound</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>

## Working in Proximity to High Voltage Lines and Equipment

# Contractor Orientation and Safety Plan

✓ Working in Proximity to High Voltage Lines and Equipment		
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/> Induction	<ul style="list-style-type: none"> <li>Approved site-specific grounding plan, including EPZ grounding is on site.</li> <li>Equipment is EPZ grounded with approved transition ingress/egress areas</li> <li>Equipment is EPZ grounded</li> <li>Crane basket is bonded to the wire.</li> <li>If accessible, crane is bonded to the structure.</li> <li>Equipment barricaded</li> <li>Crew is using appropriate live line tools.</li> <li>Crew is using approved jumpers when making up or breaking bonds</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/> Arc Flash/Blast	<ul style="list-style-type: none"> <li>The crew has confirmed the Arc Flash requirements for their work area.</li> <li>Crew is wearing appropriate Arc Flash PPE level.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input checked="" type="checkbox"/> Electrical Contact	<ul style="list-style-type: none"> <li>The crew has ample cover (i.e. second point of contact).</li> <li>Gloves and sleeves are within their test dates. (records shall be available upon request).</li> <li>Gloves and sleeves have passed inspection, prior to use.</li> <li>Crew maintains Minimum Approach Distance (MAD).</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>Electrical Hazards Awareness Program (EHAP)</li> <li>Do not break M.A.D</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Before beginning work, conduct a thorough hazard assessment of the job site to identify potential risks and hazards, including overhead power lines.</li> <li>Adhere to the Minimum Approach Distances (MAD) guidelines and utilize the MAD chart located on each truck.</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>• Crew is wearing gloves and sleeves when working within the MAD.</li> <li>• The crew has grounded effectively per Contractor grounding plan.</li> <li>• The crew has effective Lock Out Tag Out in place (i.e. clearance).</li> <li>• The open points are tagged.</li> <li>• There is an engaged qualified observer when crew is working in the Primary Zone.</li> <li>• The crew has defended against backfeed and induction (i.e. open points, grounding).</li> <li>• Equipment within the energized primary zone is barricaded.</li> <li>• Live line tools are inspected and in good condition.</li> </ul>	<ul style="list-style-type: none"> <li>• When working on de-energized lines, ground the lines at each end using visible grounding devices. Ensure that a qualified line clearing contractor is present on-site to verify the lines are safely de-energized and provide clearance to work.</li> <li>• Designated and qualified spotter while the climber or trimmer is aloft and working around energized conductors.</li> <li>• Place appropriate caution cones around all equipment used to trim around energized conductors.</li> <li>• These are covered in the climbing tree section below.</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

## Spacer Carts

<input type="checkbox"/> <b>Spacer Carts</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Pinch Points</b>	<ul style="list-style-type: none"> <li>• Lineman keeps hands and arms clear of the rollers.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Safety chains are in place.</li> <li>Lineman is using 100% fall protection.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Dropped Objects</b>	<ul style="list-style-type: none"> <li>Tools and equipment are secured.</li> <li>Ground crews avoid working below spacer cart operations.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Equipment Failure</b>	<ul style="list-style-type: none"> <li>Spacer cart is traveling at a safe speed.</li> <li>Equipment is inspected and confirmed in good working condition.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

## Work on or Around Substation Equipment

✓ <b>Work on or Around Substation Equipment</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
✓	<b>Electrical Contact</b>	<ul style="list-style-type: none"> <li>All work shall be done in accordance with the Substation Arc Flash Manual</li> <li>Testing equipment is present and calibrated.</li> <li>Voltage and current are confirmed.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program Sub-Station Work Procedures</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>Workers are escorted by utility personnel when working inside or around substations.</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>• Observer and/or Checker present if required.</li> <li>• Proper cover and barriers in place.</li> <li>• Work area properly identified.</li> <li>• Safe work distances are maintained (MAD).</li> <li>• Work position and equipment are properly grounded.</li> <li>• Checker is present.</li> <li>• Visual blocking devices are present.</li> <li>• Crew is wearing appropriate arc-rated clothing or remains outside the Arc Blast Radius.</li> <li>• All energized ( or not grounded) work above 600v in a substation will be done using Live Line tools, Rubber gloves are not allowed.</li> </ul>	<ul style="list-style-type: none"> <li>• Adhere to instructions provided by utility personnel and stay out of non-authorized areas within the substation. Respect designated safety zones and barriers.</li> <li>• Work checker present at all times during operations within or near substations.</li> <li>• FR clothing worn when required.</li> </ul>
<input type="checkbox"/>	<b>Wiring Installation Secondary Cable</b>	<ul style="list-style-type: none"> <li>• Crew is wearing appropriate PPE.</li> <li>• Rubber gloves (if required below 600v) are in good condition.</li> <li>• Wires are safe ended.</li> <li>• Work area is clearly defined and marked.</li> <li>• Voltage and current are confirmed.</li> <li>• Workers are using insulated tools.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Pulling/Demo Secondary Cable:</b>	<ul style="list-style-type: none"> <li>• Cable tails are controlled.</li> <li>• Cables are safe ended.</li> <li>• Cables are identified prior to cutting.</li> <li>• Voltage and amperage are confirmed.</li> <li>• Checker is present if required.</li> <li>• Crew is wearing appropriate arc-rated clothing.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor's Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>• Crew is using an arc-flash rated face shield when required.</li> <li>• Load and strain are calculated.</li> <li>• Load is within the capacity of rigging and equipment.</li> <li>• Crew remains clear of the bight.</li> </ul>	
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor's Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> </ul>

## Air Operations Work

### Helicopter: General Safety

<input type="checkbox"/> Helicopter: General Safety			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Documentation/Basic Safety</b>	<ul style="list-style-type: none"> <li>• All involved line crew has signed air operations tailboard sheet.</li> <li>• Weather conditions are safe for helicopter operations.</li> <li>• There is a solid communication plan, including both air-to-ground and air-to-air communications.</li> <li>• Foreman is aware and has a copy of CAP (Congested Area Contingency Plan) and Job walk and has a full understanding of the documents.</li> </ul>	<p><b>Aviation Contractors shall work directly with SCE Air Operations to provide additional program and policy documentation as needed.</b></p> <p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Rotor Strike / Struck By</b>	<ul style="list-style-type: none"> <li>• Pilot acknowledgement and eye contact established prior to approach.</li> <li>• Crews approach helicopter in full view of the pilot.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>• Tools are carried at or below waist level.</li> <li>• Crew wearing helicopter specific PPE (chin straps, goggles, etc.).</li> <li>• Landing zone clear of loose materials (FOD).</li> <li>• Non-essential personnel remain at least 100 feet away from helicopter operations.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<input type="checkbox"/>	<b>Hot Fueling</b>	<ul style="list-style-type: none"> <li>• Pilot is at the controls during hot refueling.</li> <li>• Passengers have disembarked prior to hot refueling.</li> <li>• Fuel servicing vehicles are at least 20 ft away from any helicopter rotating components.</li> <li>• There is an adequate and operational fire extinguisher on site.</li> <li>• At least two ground personnel are present during hot fueling/loading.</li> <li>• The aircraft must be bonded to the fuel source.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Aviation Fatigue</b>	<ul style="list-style-type: none"> <li>• Pilot and ground crew have a mandatory rest schedule and maximum duty time policy in place to reduce pilot fatigue.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Other: Ground Support</b>	<ul style="list-style-type: none"> <li>• Be aware of flight path and falling objects</li> <li>• Stay clear of rotors and flying debris</li> <li>• Keep pad wet with no puddles</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>• Make sure rock bags are safe for aerial transport             <ul style="list-style-type: none"> <li>○ No rips, holes or abrasions</li> <li>○ do not overfill bags</li> </ul> </li> <li>• Handles are in good working order</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

## Helicopter: External Cargo

<input type="checkbox"/> <b>Helicopter: External Cargo</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Static Electricity</b>	<ul style="list-style-type: none"> <li>• Crew dissipates static electricity before handling load or uses rubber gloves.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Uncontrolled Loads</b>	<ul style="list-style-type: none"> <li>• Crew using tag lines, if required.</li> <li>• Pilot controlling the load smoothly and effectively.</li> <li>• Crew is using SONO tubes when setting poles.</li> <li>• Crew waits until pole is at waist level before guiding.</li> <li>• Long line is of sufficient length.</li> <li>• Load is confirmed free and clear before pilot climbs away.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>



# Contractor Orientation and Safety Plan

<input type="checkbox"/>	<b>Dropped Objects</b>	<ul style="list-style-type: none"> <li>• Approved long line is inspected and in good condition.</li> <li>• Loads are rigged appropriately.</li> <li>• Pre-approved flight plan is in place.</li> <li>• Load is not approached or handled until chest height or lower.</li> <li>• Minimal personnel are underneath load.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> </ul>

## Helicopter: Human External Cargo

<input type="checkbox"/> <b>Helicopter: Human External Cargo</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Collision with Conductor/Structure</b>	<ul style="list-style-type: none"> <li>• Pilot and airborne line crew have established effective communication protocol.</li> <li>• Pilot is aware of conductor heights along route of flight and has planned accordingly.</li> <li>• Long line is of sufficient length.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Dropped Objects</b>	<ul style="list-style-type: none"> <li>• Tools are tethered.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>• The helicopter has a double attachment point (Dual cargo</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b>

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		<p>hook systems or approved FAA exemption).</p> <ul style="list-style-type: none"> <li>• Crew is trained for long line operations and HEC</li> <li>• Crew is using a longline dedicated to HEC.</li> <li>• Long line has been inspected and found to be in good condition.</li> <li>• Lineman has two points of contact with the long line.</li> <li>• Fall protection is inspected daily and in good condition.</li> <li>• Personal fall protection worn correctly.</li> <li>• Linemen must be attached to structure prior to disconnecting from long line.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

## Helicopter: Skid Transfer

<input type="checkbox"/> <b>Helicopter: Skid Transfer</b>			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>• Lineman has 100% fall protection attached to approved anchorage point.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

# Contractor Orientation and Safety Plan

<input type="checkbox"/>	<b>Induction/Electrical Contact</b>	<ul style="list-style-type: none"> <li>• Lineman bonds to the structure prior to transfer.</li> <li>• Lineman is never attached to the helicopter and structure at the same time.</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>• NA</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<b>Contractor Safety Program Reference:</b> <ul style="list-style-type: none"> <li>•</li> </ul> <b>Contractor Mitigation:</b> <ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>

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## Unmanned Aerial Vehicles

<input type="checkbox"/> Unmanned Aerial Vehicles			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAS)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
<input type="checkbox"/>	<b>General</b>	<ul style="list-style-type: none"> <li>UAVs are in good working condition.</li> <li>UAV crew coordinates operations with SCE Air Operations.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Collision / Crash</b>	<ul style="list-style-type: none"> <li>Pilot maintains a "sterile cockpit" (i.e. an area free of distractions while operating).</li> <li>UAV remains within visual line-of-sight of operator and/or visual observer (VO).</li> <li>UAV does not operate over uninvolved personnel.</li> <li>UAV is not operated above 400 feet above ground level (agl).</li> <li>Visibility at location of operation is at least 3 statute miles.</li> <li>Operations are conducted only with acceptable visibility and between the hours of "civil twilight."</li> <li>Weather conditions (e.g., wind, precipitation, etc) are conducive for safe flight.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Powerline Contact</b>	<ul style="list-style-type: none"> <li>Operator maintains Minimum Approach Distance (MAD) from powerlines.</li> <li>Operator maintains a safe distance above powerlines (&gt;50 feet) and structures if overflying.</li> <li>The crew monitors for electromagnetic interference and if it is encountered, increases the distance from the structure/conductor until the interference resolves.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>NA</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul>

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			<b>Contractor Mitigation:</b> <ul style="list-style-type: none"><li>•</li></ul>
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## Vegetation Management Work

### Palm Trees

✓ Palm Trees			
PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)	
✓ <b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Pre-climb and trim assessment done.</li> <li>Double tie-in.</li> <li>Tied into main trunk / stem with a False Crotch.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Palm Trees</li> <li>Palm tree Job Briefing</li> <li>Alternative tools (AFC)</li> <li>Leading causes of SIFS while trimming palms</li> <li>Palm trimming</li> <li>Static Line over the top</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Prior to climbing a palm tree, use the specific Palm Tree Job Briefing to review safety procedures and potential hazards associated with climbed palm trees.</li> <li>When using a handsaw or power saw while aloft in a palm tree, ensure a secondary tie-in is in place to provide additional security and stability.</li> <li>For climbing palms with three years or more growth - Climber must have trained and proficient on static line training.</li> <li>Utilize an Adjustable False Crotch (AFC) on all climbed palm trees.</li> <li>Whether climbing a tree or using a ladder, always maintain a 100% tie-in to ensure continuous attachment and prevent falls.</li> </ul>	
✓ <b>Electrical Contact</b>	<ul style="list-style-type: none"> <li>Keep body and all tools out of minimum approach distance (MAD) or 10 feet if non-qualified.</li> <li>Engaged observer.</li> <li>Fronds cut above power lines dropped or lowered with control.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Violating MAD</li> <li>Grounding policy</li> <li>Electrical Hazard Awareness Program</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p>	

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		<ul style="list-style-type: none"> <li>• Fronds in contact with wire removed with non-conductive tool.</li> </ul>	<ul style="list-style-type: none"> <li>• Before performing any work on palm trees, ensure that trimmers receive proper training in palm tree trimming techniques and safety procedures.</li> <li>• Always maintain a safe distance of at least 10 feet from energized electrical conductors whenever possible to minimize the risk of electrical hazards.</li> <li>• Adhere to MAD guidelines and be aware of the importance of maintaining safe distances.</li> <li>• Active and engaged spotter monitoring the work position.</li> <li>• When clipping or cutting back tree parts within the Minimum Approach Distance (MAD), use non-conductive tools to reduce the risk of electrical shock or contact.</li> </ul>
✓	<b>Falling Objects</b>	<ul style="list-style-type: none"> <li>• Clearly marked and enforced Drop Zone.</li> <li>• Ensure tools used aloft are secure.</li> <li>• Three-way communication among all crew members.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Stay Out of the Drop Zone</li> <li>• Ladder safety training</li> <li>• Utility pruning, establishing the drop zone</li> <li>• Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Establish the drop zone -clearly marked and enforced.</li> <li>• Secure tools to prevent accidental drop.</li> <li>• 3-way communication audible warnings before dropping fronds or wood - warning, response and acknowledgement.</li> </ul>
✓	<b>Suffocation / Crushing</b>	<ul style="list-style-type: none"> <li>• No climbing inside skirts with three or more years of growth.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Climbing a palm static crotch method</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>• When working on palm trees with more than three years of dead skirt, utilize over-the-top climbing techniques. ANSI/OSHA</li> <li>• Prior to using a static line for over-the-top trimming, trimmers must undergo comprehensive training and demonstrate proficiency in using static lines and performing over-the-top trimming.</li> </ul>
☐	<b>Other:</b>	<ul style="list-style-type: none"> <li>• Quality work plan</li> </ul>	<ul style="list-style-type: none"> <li>• Required Palm Tree Job Briefing for all climbed palms over 30 feet in height. This briefing ensures that climbers and crew members are</li> </ul>

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			informed about the specific hazards and safety procedures associated with climbing tall palm trees.
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## Climbing Trees

✓ Climbing Trees			
	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
✓	<b>Fall from Heights</b>	<ul style="list-style-type: none"> <li>Pre-climb and trim assessment done.</li> <li>Double tie in when in working position.</li> <li>Tie in to main trunk / stem.</li> <li>Correct Gear &amp; tools in good condition.</li> <li>Fall protection correctly worn.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Climbing Operations</li> <li>Climbing Techniques</li> <li>Fall Protection training</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Prior to each climb, thoroughly inspect all climbing equipment to ensure it is in good condition and free from defects.</li> <li>Before initiating trimming activities, perform a pre-trim inspection.</li> <li>Prior to climbing, visually inspect the base and assess the entire tree's condition to identify any defects, decay, or hazards.</li> <li>When operating a power saw aloft in the tree canopy, use two secure attachment points to maintain stability and prevent falls.</li> <li>When tying off in the tree, ensure climbers secure themselves to the main leader rather than relying on smaller lateral branches.</li> <li>100% tie – Life Saving Rule.</li> </ul>
✓	<b>Electrical Contact</b>	<ul style="list-style-type: none"> <li>Keep body and all tools out of minimum approach distance (MAD) or 10 feet if non-qualified.</li> <li>Tie in point positioned to swing away from power lines.</li> <li>Engaged observer.</li> <li>All tools remain outside the MAD.</li> <li>Limbs in contact with power lines removed with a non-conductive tool.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>PCTE Certification Program</li> <li>Do not break M.A.D</li> <li>Grounding policy</li> <li>Electrical Hazard Awareness Program</li> <li>Critical Observable Actions (COA's)</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>Know MAD for voltage being worked and keep all body parts and conductive tools out of the MAD.</li> </ul>



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		<ul style="list-style-type: none"> <li>• Limbs trimmed only when there is visibility of what is being cut.</li> <li>• Any tree parts within the MAD removed only with a non-conductive tool.</li> <li>• Limbs cut above power lines dropped with control.</li> </ul>	<ul style="list-style-type: none"> <li>• Select a high tie-in point that will swing away from the electrical lines in case of a slip or fall.</li> <li>• Designated work spotter monitors the trimmer's proximity to electrical lines.</li> <li>• Non-conductive tools are used for clipping or cutting back tree parts within the MAD, or branches are roped back to maintain a safe distance from electrical lines and mitigate the risk of electrical contact.</li> <li>• Always maintain MAD).</li> <li>• Tie off limbs and wood if needed for control or use break cut.</li> </ul>
✓	<b>Falling Objects</b>	<ul style="list-style-type: none"> <li>• Clearly marked and enforced drop zone.</li> <li>• Ensure tools used aloft are secure.</li> <li>• Clear three-way communication with all crew members.</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Stay Out of the Drop Zone</li> <li>• Climbing Techniques</li> <li>• Utility pruning, establishing the drop zone</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Establish and maintain a designated drop zone for debris, ensuring all personnel stay clear of this area during operations.</li> <li>• Maintain clear and effective three-way communication, including audible warnings, to signal before dropping debris, ensuring everyone is aware and prepared.</li> <li>• Secure all tools and equipment properly to prevent accidental drops or falls, minimizing the risk of injury or damage during work activities.</li> </ul>
□	<b>Other:</b>	<ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>

## Tree Felling

✓ <b>Tree Felling</b>	PRIMARY HAZARD / ACTIVITY / CONDITIONS	SCE CRITICAL OBSERVABLE ACTIONS (COAs)	CONTRACTOR MITIGATION PLAN (WITH REFERENCES)
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✓	<b>Electrical Contact</b>	<ul style="list-style-type: none"> <li>• Keep body and tools out of minimum approach distance or 10 feet if non-qualified</li> <li>• Rigged pull rope to start safe fall direction</li> <li>• Notch and back cut used to fell trees over 5 inches DBH</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Tree Felling and Chainsaw Operations</li> <li>• Tree Felling Training</li> <li>• Critical Observable Actions (COA's)</li> <li>• Stay Out of the Danger Zone</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Only Employees trained in tree felling may fell trees.</li> <li>• Conduct a thorough assessment of the tree before felling, recognizing that not all trees can be felled in one piece. Some may require piecing down, with careful consideration of proximity to electrical conductors to mitigate risks.</li> <li>• Follow all five steps of tree felling, adhering to established procedures to ensure a safe and controlled operation.</li> <li>• Mark danger zones around the tree: set a zone 1.5 times the tree's height for rope pullers and 2 times for public safety.</li> <li>• Utilize a pull rope for all trees over 5 inches in diameter at breast height (DBH), tied to the upper one-third of the tree, to facilitate controlled felling.</li> <li>• Set the pull rope in a manner that allows for the direction of tree falling to be controlled, with all crew members discussing fall direction and escape routes before initiating cuts.</li> <li>• Use an Open Face Notch (at least 70 degrees) for trees felled from the ground.</li> <li>• Prior to commencing the notch and back cut, the feller must provide an audible warning to alert others nearby.</li> </ul>
✓	<b>Falling / Moving Objects</b>	<ul style="list-style-type: none"> <li>• Tree assessment done</li> <li>• Clearly marked and enforced danger zone – 1.5x for rope pullers, 2x for bystanders</li> <li>• Feller leaves Danger Zone as soon as tree begins falling</li> <li>• Clear three-way communication among all crew members</li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li>• PCTE Certification Program</li> <li>• Tree Felling and Chainsaw Operations</li> <li>• Tree Felling Training</li> <li>• Critical Observable Actions (COA's)</li> <li>• Stay Out of the Danger Zone</li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Measure and mark the danger zone.</li> </ul>

# Contractor Orientation and Safety Plan

		<ul style="list-style-type: none"> <li>Clearly established and cleared retreat path</li> <li>Assess new hazards before delimiting or bucking a felled tree</li> </ul>	<ul style="list-style-type: none"> <li>Thoroughly check other trees for hangers, ensuring they are properly secured to prevent unexpected releases or hazards.</li> <li>Conduct a dry run of the escape route before making the back cut, ensuring it is positioned at a 45-degree angle away from the intended direction of fall and is free from tripping hazards.</li> <li>Before making notch and back cuts, provide audible warnings and ensure clear responses from the work team.</li> <li>Use escape route before tree is pulled if possible.</li> <li>Maintain strict control over access to the danger zone, keeping all employees and bystanders out of this area to minimize the risk of injury or accidents during tree felling activities.</li> </ul>
<input type="checkbox"/>	<b>Other:</b>	<ul style="list-style-type: none"> <li></li> </ul>	<p><b>Contractor Safety Program Reference:</b></p> <ul style="list-style-type: none"> <li></li> </ul> <p><b>Contractor Mitigation:</b></p> <ul style="list-style-type: none"> <li></li> <li></li> <li></li> <li></li> </ul>