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SECTION ACRONYMS/ABBREVIATIONS

ACRONYM/ ABBREVIATION	DEFINITION
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CTG	Combustion Turbine Generator
IIPP	Injury and Illness Prevention Program
LORS	Laws, Ordinances, Regulations and Standards
OSHA	Occupational Safety and Health Administration
SPCC	Spill Prevention, Control and Countermeasures

6.17 WORKER SAFETY

This section describes worker safety practices and training that will be employed and potential impacts related to construction and operation of the Project.

To support safe construction practices, the construction contractor will provide a comprehensive site-specific health and safety program that complies with applicable Laws, Ordinances, Regulations and Standards (LORS). This program will directly address the various elements of Project construction, including provisions for a safe work environment for all construction personnel.

A comprehensive operations worker safety program will be implemented by Orange Grove Energy.

6.17.1 Existing Conditions

The Site is located on a former citrus orchard and is surrounded by open space. There is no ongoing routine work that would require a worker safety program for the Site.

6.17.2 Impacts

Significance criteria is determined based on California Environmental Quality Act, (CEQA) Appendix G, Environmental Checklist Form and on performance standards or thresholds adopted by responsible agencies. An impact may be considered significant if the Project results in a substantial risk to workers.

6.17.2.1 Construction Impacts

Orange Grove Energy will require the construction contractor to develop and maintain a comprehensive site-specific health and safety program to protect workers during construction. This program will meet or exceed applicable federal and governmental safety policies and procedures and will have the flexibility to incorporate subcontractor procedures and policies. The construction health and safety program will contain the information required by applicable LORS. Administration, personal protective equipment, injury prevention, occupational health, fire protection and prevention, and equipment safety are example parts of a construction health and safety program. Appendix 6.17-A gives an example outline for such a program.

The construction contractor will provide safety professionals who will monitor construction activities in conjunction with the Orange Grove Energy site manager and assist in implementing the health and safety program. In addition, the construction contractor will assist in managing the safety performance of subcontractors, and will establish with them that safety is a condition of employment. Subcontractors will be required to meet stringent safety criteria as described in their prequalification packages. Subcontractors will be included in the worker safety program and will be monitored to assure compliance. Major elements of the construction safety program are summarized in the following sections.

6.17.2.1.1 Orientation/Training

A safety orientation/training program for supervisory personnel will be conducted. This program will review safety responsibilities for administering and enforcing requirements of the construction safety program.

Safety orientation will be provided for craftsmen prior to beginning work on the Site, and will include health and safety topics relevant to construction such as the following:

- Company safety record/policy
- Confined space
- Emergency planning
- Excavations
- Fall protection
- Fire protection
- First aid
- Hazard communication/reporting
- Hearing protection
- Housekeeping
- Injury reporting
- Inspection/audit
- Permitting
- Plant requirements
- Personal protective equipment
- Respiratory protection
- Rigging safety
- Safe driving
- Safety meetings
- Worker involvement

Each construction worker will receive written employee safety materials and will sign an acknowledgement that the contents are understood.

6.17.2.1.2 Toolbox Meetings

Each worker will be required to attend regular toolbox safety meetings. Specific safety subjects to be discussed will be provided by the safety supervisor or members of the group. Current safety performance and safety issues related to recent, ongoing or future work will be discussed at these meetings.

In addition, there will be weekly supervisors' safety meetings. There also will be Site-wide safety meetings for exchange of information.

6.17.2.1.3 Site Management Supervision Responsibilities

The Orange Grove Energy Site Manager will have responsibility for health and safety matters during construction. The Site Manager will assure that all levels of supervision recognize and understand their authority and accountability for safety in their work areas.

A key responsibility of the construction contractor will be to enforce safety programs through use of adequate inspections and supervision. Programs that encourage proactive safety awareness with direct line supervision will be implemented, including:

- Weekly meetings with direct line supervision to discuss current accident experience, if any, and other topics related to work assignments.
- Training programs to further align the responsibilities of supervision.
- Supervisors' safety education, which relates accident costs to profitability, with emphasis on workers' compensation, accident prevention, work habits and supervisory methods.
- Planning, Observation and Correction, which is a course to establish a systematic approach for incorporating safety planning into daily activities, observing unsafe acts/conditions and implementing immediate corrective action.

6.17.2.1.4 Project Monitoring Program

Auditing will be conducted to assure a safe work site and to confirm that supervisors are adequately trained in implementing the safety program. Audits will analyze onsite work practices and evaluate performance.

6.17.2.1.5 Accident/Incident Investigations

An accident or unsafe incident will be investigated to determine its root cause. Methods will be implemented to remediate the root cause.

6.17.2.1.6 Safety Goals

The overall safety goal is an Occupational Safety and Health Administration (OSHA) recordable incidence rate of 1.0 or less and a lost-time incidence rate of 0. Other goals include, but are not limited to:

- Provide safe and healthy working conditions for Site personnel.
- Assure subcontractors are actively involved in project safety programs and that their workers fully comply with safety requirements.
- Prevent accidents.
- Prevent occupational illnesses and injuries.
- Provide fire protection.
- Provide for application of safety rules, regulations and codes governing the construction industry.

- Assure a drug-free workplace.
- Assure that consideration of safety is included in plans, studies, schedules and cost estimates.

6.17.2.2 Operations and Maintenance Impacts

Orange Grove Energy will implement worker safety policies and programs in accordance with all LORS. These will include, but not be limited to, identification of emergency response personnel, provision of personal protective equipment, and placement of emergency equipment, such as fire extinguishers. These procedures and policies are described below.

Example policies, programs, procedures, plans and activities are the following:

- **Plant Safety Committee** - Provides employees an opportunity to identify safety problems and recommend appropriate hazard controls to the Plant Manager. Committee is designed to enable key employees to actively participate in various phases of the safety program, and to utilize their knowledge and experience in formulating recommendations and safety program objectives.
- **Hazard Control Program** - Provides systematic approach to the detection, recording, follow-up and control of hazards.
- **Emergency Eyewash and Shower Equipment Procedure** - Defines a consistent method for routine inspection of emergency eyewash and shower equipment. Procedure assures compliance with regulatory requirements.
- **Confined/Enclosed Space Entry Procedure** - Protects employees entering confined or enclosed areas. The purpose is to verify adequate air quality, provide written rescue procedures and provide specific plant work procedures to assure safe confined/enclosed space entry.
- **Tailgate Briefings Procedure** - Defines consistent format for conducting tailgate meetings that focus on work procedures necessary to safely and efficiently accomplish the job, including identifying and eliminating potential hazards to employees.
- **Drug and Alcohol Abuse Policy for Access** - Protects employees, customers and the general public on Orange Grove Energy property from harm caused by illegal drugs and alcohol used by non-Orange Grove Energy personnel.

Orange Grove Energy will develop a Hazard Communication Manual for the Project, developed in compliance with California Code of Regulations (CCR) Title 8, Section 51949(e). The manual will describe the Hazard Communication Program including:

- Preparing and maintaining a hazardous materials inventory list.
- Providing Material Safety Data Sheets.
- Training employees.
- Labeling containers.
- Informing employees about hazardous tasks.
- Informing contractors about potential hazards and necessary precautions.

6.17.2.2.1 Injury and Illness Prevention Program

An Injury and Illness Prevention Program (IIPP) will be prepared for implementation at the Project. The purpose of the program will be to establish and maintain a safe working environment for employees and contractors.

The Plant Manager will be responsible for implementing and maintaining the IIPP and for answering any worker questions concerning the IIPP. In addition, management and supervisory personnel are expected to serve as role models for safety in the workplace.

Employees are ultimately responsible for their own safety. Each employee will be required to follow the requirements of the IIPP and other Orange Grove Energy safety and health policies and procedures. Employees will be required to report injuries to their supervisor as soon as possible, and no later than the end of the work shift during which the injury occurred.

Contractors will be required to comply with their own company's safety and health policies and procedures. Orange Grove Energy will review contractor policies to assure compatibility with Orange Grove Energy policies. Orange Grove Energy will maintain an interactive dialogue with the contractor on conflicts or a potential for doing work differently than described in Orange Grove Energy policies. Safety will be the overriding factor in resolving these kinds of issues.

A safety coordinator will be designated with responsibility for providing input to keep IIPPs current. In addition, the coordinator will provide information to the Plant Manager regarding the effectiveness of the safety program(s) and recommendations for improvement.

The safety committee will be responsible for promoting safe working conditions at the plant and for promoting safety awareness among site employees, management and supervisors. The committee will also serve as an avenue for communicating safety concerns and issues.

Safety Committee

Safety committee meetings will be held throughout the period of operation. The frequency of the meetings will be based on need, but will be at least twice per year. The Site safety committee will be made up of a representative number of plant employees.

Safety Training

The Project will have a safety orientation program for new, contract and permanent employees. Safety training with appropriate handouts will be conducted to minimize the risk of injury to these workers and to inform them of basic emergency procedures. This training will be conducted and documented prior to workers being assigned tasks inside the plant. Table 6.17-1 provides example training requirements.

Employees will receive additional training whenever a process changes, a new hazard is introduced into the workplace, or when regulatory actions identify new hazards. This training will be conducted in a timely manner and documented.

Table 6.17-1– Cal-OSHA Safety Training Matrix

TYPE OF SAFETY TRAINING	COMPLIANCE	PERSONNEL
Emergency Action and Fire Prevention Plans (initial and when plans change)	8 CCR 3220, 3221	All employees.
Fire Extinguishers	8 CCR 6151	All who are required to use fire extinguishers.
Hazard Communication and Prop 65	8 CCR 5194	All employees.
First Aid (includes CPR [multi-year certification])	8 CCR 3400, 1512	Designated first aid attendants.
Bloodborne Pathogens	8 CCR 5193	Designated first aid attendants.
Office (VDT) Ergonomics	8 CCR 5110	Selected job positions.
Physical Ergonomics	8 CCR 5110	Selected job positions.
Hearing Conservation	8 CCR 5095-99	Selected departments.
Respiratory Protection	8 CCR 5144	Employees required to wear respirators (welders, confined space workers, etc.).
Confined Spaces	8 CCR 5156-58	Employees who enter underground facilities, transformers, water tanks, etc.
Forklifts (initial training only)	8 CCR 3664	Forklift operators.
Cranes (initial training only)	8 CCR 5006	Crane operators.
Hazardous Waste Operations and Emergency Response	8 CCR 5192	Workers at treatment, storage and disposal facilities, hazardous cleanup investigators, or as required by California agencies.
Hazardous Chemicals in Laboratories	8 CCR 5191	Lab personnel.
Other – as identified by need (defensive driving, strains and sprains, vehicle inspection)	Cal/OSHA Section 3203	As needed.

Training will be provided to employees to assure they maintain their safety skills. This training will be conducted annually for compliance or to address deficiencies discovered through work practices, accidents or supervisory recommendations.

Orange Grove Energy employees will participate in training as required by their job functions. Safety and health training will be documented and recorded on the Site training record. Records will be maintained as described under Recordkeeping.

Safety Meetings

Plant employees will attend periodic safety meetings. These safety meetings will include training, discussion of safety issues and concerns, and review of accidents, if any. The frequency, duration and specific topics of the safety meetings will be based on operational and site-specific requirements. Attendance at these meetings will be documented.

Safety Incentive Program

Plant operations and maintenance will include incentive programs such as periodic employee rewards for durations of time with no OSHA-recordable injury. A reward program will also be developed to encourage workers to take a personal interest in contributing to hazard reduction at the plant. Awards of recognition will be included in the incentive program to further encourage worker contributions to the plant safety record.

Safety Inspections/Hazard Control

Periodic safety inspections will be conducted. The inspection frequency will be determined by plant needs through the safety committee. Safety inspections will be documented, and records will be retained. A copy of the inspection findings will be forwarded to the plant's production superintendent and safety supervisors.

Hazards identified through the safety inspection process will be corrected as soon as possible. Hazards that pose an imminent threat or danger will be addressed immediately. While awaiting action, these hazards will be barricaded, tagged out, or otherwise isolated from workers. Employees that could be expected to approach dangerous hazards during the normal course of their duties will be notified verbally or in writing. Actions may include one or more of the following:

- Barricading or marking of the hazard.
- Removal of employees from the area.
- Development of alternative procedures.
- Additional training on the involved equipment.

Findings of the safety inspections will be posted. The inspection report will be reviewed during the next safety committee meeting, and feedback will be solicited from site employees.

Accident Investigations

Any accident that is recordable or considered a serious "near miss" will be investigated. A serious "near miss" is an incident that would have resulted in a fatality or serious injury if the employee had actually been injured. The accident investigation will include a report to management and the safety committee.

The purpose of the accident investigation is to determine the cause of the accident and offer solutions for corrective action to avoid recurrence. Investigations will be organized as soon as possible following an accident to gather information and facts from the involved parties. Photographs and interviews will be used to assist in the investigation process. The investigating team will use a process that will be outlined in the Occupational Incident Investigation Aid and the Supervisor's Guidelines for Handling Industrial Injuries. For each incident, the supervisor will fill out an Occupational Incident Investigation Form. As necessary, a Report of Occupational Injury or Illness and Employer's Claim for Workers' Compensation Benefits also may be completed.

Recordkeeping

Employee and contractor safety training will be documented. This documentation will contain at least the following information:

- Trainee's name.
- Company identification or Social Security number.
- Subject of training.
- Date(s) of training.
- Duration (hours) of training.
- Instructor's name.

An Incident (e.g., injury, illness, near miss) Investigation Report will contain at least the following information:

- Name(s) of injured.
- Date and time of the accident.
- Type of accident.
- Extent of injuries or damage.
- Names of crew members and foremen.
- Events leading up to the accident.
- Description of the accident.
- Additional facts surrounding the accident.
- Recommendations to prevent recurrence.
- Root cause of incident.
- Conclusion statement.
- Names and signatures of the investigating team.

Accident reports are considered confidential information. Summaries of the reports, with names of the involved parties removed, may be shared for accident prevention purposes. The original copy of the report will be submitted to the site safety supervisor.

Safety inspections will be documented. An accurate record of hazards observed will be maintained. Safety inspection reports will contain at least the following information:

- Name(s) of the inspector(s).
- Date(s) of the inspection.
- Specific location of hazard.
- Description of hazard or.
- Description of unsafe work practices.
- Corrective actions recommended or taken.

In addition, records will be maintained to document progress in correcting hazards identified during the inspection. A projected date for correction will be set for items that may not be immediately corrected and for subsequent actions put in place to assure each item is addressed in a timely manner.

Safety training records will be maintained, including safety meeting minutes and safety inspection reports for a minimum of 3 years. Accident investigation reports logs will be maintained for a minimum of 5 years. Records will be maintained in accordance with CCR Title 8.

Compliance

Methods of enforcing compliance at the plant will include the following:

- Training programs.
- Prompt action on issues and hazards.
- Audits.
- Accident investigations.
- Inspections.
- Evaluations.

In addition, corrective action will be taken where appropriate. Safety incentive and recognition programs will be encouraged.

Contractor/Vendor Safety

Contractors/vendors performing work at the Project will be provided safety orientation training as outlined in the Orange Grove Energy IIPP prior to commencing work. Contractors will be held responsible for providing their employees with required personal protective equipment, and for assuring their personnel are trained appropriately for the work they are required to perform. This training will be in compliance with CCR Title 8.

Communications

Information concerning safety hazards will be communicated to employees through general postings in the plant, safety meetings and electronic communications.

Orange Grove Energy will assure communication of information surrounding an injury or near miss following completion of the investigation. Names of the involved parties will be withheld. The intent of this practice is to prevent similar accidents from occurring in the future by raising the awareness level and correcting hazards underlying an accident.

Site personnel will communicate information concerning personal injury, near misses and safety hazards to their supervisor or appropriate authority as soon as possible. Injuries will be documented on an appropriate form.

6.17.2.2.2 Fire Prevention Plan

Fire prevention at the plant will consist of measures to prevent fires, including fire-safe construction, reduction of ignition sources, and control of fuel sources. These measures also include safety procedures such as provision and marking of adequate exits, plus training in safe

procedures for operation of equipment and vehicles. In addition, the plant will be equipped with sprinkler systems, fire extinguishers and onsite water and hose systems.

The North County Fire District will have first-responder responsibility for the Project. As such, fire prevention and suppression systems for the Project will be subject to review and approval by the district.

6.17.2.2.3 Emergency Response Plan

A Business Plan will be developed for the Project that will contain an Emergency Response Plan with specific procedures to be followed in the event of an emergency situation. Potential emergencies include, but are not limited to, spill or release of hazardous materials, fire, explosion or natural disaster. An example outline of the content of the Emergency Response Plan is provided in Appendix 6.17-B.

6.17.2.2.4 Personal Protective Equipment

Policies and procedures for personal protective equipment will include the following:

- **Personal Protective Equipment Policy** - Safety procedures regarding respiratory protection, eye protection, footwear and head protection. The policy will cover selection of suitable equipment, proper fitting, training, limitations and maintenance.
- **Hard-Hat Policy** - Use, inspection and care of hard hats. The policy will include a replacement schedule for the hard hat shell and suspension, and directions for the placement of decals on the external and internal hard hat shell.
- **Eye and Face Protection Policy** - Requirements for use of approved eye and face protection. The policy will cover numerous types of eye and face protection, fit, inspection and care.

In addition, protective clothing and equipment will be maintained at the Site under the Emergency Response Plan. Protective clothing and equipment will be provided to respond to events within the training and qualifications of operations personnel, including:

- Chemically-resistant apparel, gloves and boots.
- Protective head, eye and face gear.
- Individually fitted half-mask and full-face respirators with various cartridges.
- Self-contained breathing apparatus (available for use only by trained plant personnel).

6.17.2.2.5 Safety Training Programs

<u>Hazardous Waste Training</u>

An employee training program will be developed that will manage training requirements for employees whose positions are related to hazardous waste management. The program will meet personnel training requirements specified in CCR Title 22, Section 66265.16 and CCR Title 8, Section 5192. The program will:

- Assure that facility employees with hazardous waste management responsibilities can respond effectively to emergencies. The program will provide initial and refresher training on emergency response.
- Include instruction (both introductory and continuing) that teaches facility employees about hazardous waste handling and management procedures relevant to the positions in which they are employed.
- Provide a job description for each position that has tasks/activities related to hazardous waste management. Job descriptions include skills, qualifications and duties assigned to each employee.
- Describe the type and amount of both introductory and continuing training that will be given to each employee relevant to their hazardous waste management positions.
- Provide for retention of training records at the plant in accordance with CCR Title 22, Sections 66264.16(d)(4) and (e).

Personnel Training

Orange Grove Energy will manage compliance with training requirements through a comprehensive employee training program. The program will include trainer qualifications, recordkeeping procedures and a detailed description of employee training requirements. This information will be contained in instructional units provided to employees based on their job activities. The program will consist of classroom instruction and on-the-job training, and will teach employees to perform their duties in a way that ensures worker safety and facility compliance with local, state and federal regulations. The program will offer:

- Environmental Training Courses:
  - Hazardous Materials
  - Hazardous Waste
  - Hazard Communication
  - Emergency Response
  - HAZWOPER
- Health and Safety Training Courses
  - Confined Space
  - Clearance Procedures
  - Electrical Safety
  - Hearing Conservation
  - Forklift Training
  - Medical Surveillance
  - Respirator Protection
  - Respirator Fit Testing

Training will include instruction on the location, capabilities and proper use of facility emergency controls, fire suppression equipment, first aid equipment, spill containment and cleanup equipment, and personal protective equipment for response scenarios.

The comprehensive employee training program will comply with training requirements of CCR Title 22, Section 66264.16, CCR Title 19, Section 2732, applicable portions of CCR Title

8, and other relevant regulations. Required training documentation will be maintained onsite, including a full description of the program and records of employee training.

6.17.2.3 Hazardous Materials Training

The Hazardous Materials Business Plan and Emergency Response Plan for the Project will include a training program for workers with responsibility for handling hazardous materials or responding to emergencies. The program will train workers to handle hazardous materials safely and will include classroom instruction and on-the-job training. Key aspects of the program include hazard communication, accident prevention, proper use of personal protective equipment and, for some employees, emergency response training. Emergency response training will include procedures for onsite and offsite communications and coordination and individuals roles with response agencies via the Incident Command System.

6.17.2.4 Fuel Handling and Fire Suppression

6.17.2.4.1 Fuel Handling and Fuel Storage

Fuel utilized onsite will be natural gas, which will power the gas turbines and the black-start generator. Natural gas will be delivered to an onsite metering station by SDG&E as described in Section 2.5.

Diesel fuel storage will occur in an aboveground tank located within secondary containment. The lube oil reservoirs and turbine generating equipment oil systems will be monitored in the power plant control room. In the event of a problem, both visual and auditory alarms will be triggered.

Power plant operators will perform and document routine spill prevention, control and countermeasures (SPCC) inspections. Appropriate personnel will be trained for SPCC annually. Training will include, but not be limited to, applicable oil pollution control regulations, rules and regulations regarding operation and maintenance of equipment to prevent discharges of oil, and spill response procedures.

Infrequently, tank trucks will deliver diesel fuel and lubricating oil. Spills during the filling process will be avoided by the following design features and precautions:

- Fuel delivery vendors are required to use licensed vehicles designed for the purpose.
- Fuel delivery vendors will utilize couplings designed to fully contain products during transfer.
- Drivers will be required to pay constant attention during the transfer process.
- Connections are checked for leakage prior to the truck's departure.

Piping from diesel fuel storage tanks will be aboveground. Operating personnel will regularly observe aboveground valves and piping, tile conditions of flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, and locking or securing of valves and metal surfaces. Problem areas will be noted for investigation/repair, as appropriate.

In the event of an oil spill, personnel will respond in accordance with measures described in the SPCC Plan.

6.17.2.4.2 Fire Suppression

The combustion turbine generator (CTG) enclosures will be equipped with automatic CO_2 fire suppression systems. Fire protection in yard and facility areas will be provided by portable fire extinguishers and hose reels placed throughout the plant. The emergency fire suppression equipment will be capable of handling the following:

- Electrical fires, using fixed and portable CO_2 extinguisher systems.
- Fuel oil and flammable liquid fires, using fixed and mobile foam systems.
- Other types of fires, using fixed, mobile, portable extinguisher and hose-line water systems.

The procedure for suppression of a small natural gas fire will be as follows:

- Stop flow of gas, using remote valves only.
- Extinguish, using CO_2 or dry chemical fire extinguishers, if safe to do so.
- No attempt will be made to extinguish a continuously burning natural gas leak. A release burning itself off may present less of a hazard than a nonburning leak.

In the event of a large natural gas (or other type) fire, employees will immediately notify 911.

6.17.3 Cumulative Impacts

There is no potential for cumulative impacts related to worker safety because other pending actions identified in Section 6.1.3 have no bearing on worker safety at the Project.

6.17.4 Project Design Features

The potential for adverse impacts to worker safety will be managed through the safety policies and procedures described herein for Project construction and operations.

6.17.5 Mitigation Measures

Based on the above analysis of impacts and the safety policies and procedures that will be implemented for the Project, no mitigation measures are required.

6.17.6 Significant Unavoidable Adverse Impacts

No significant unavoidable adverse impacts to worker safety are anticipated to result from the Project.

6.17.7 LORS Compliance

A summary of LORS pertaining to worker safety is provided in Table 6.17-2. The Project will be in compliance with applicable LORS during Project construction and operation. Through training and safety programs described herein, Orange Grove Energy will maintain compliance with all applicable LORS for worker safety. Self-auditing will be conducted periodically, as required.

Table 6.17-2 – Worker Safety LORS and Compliance

JURIS-DICTION	AUTHORITY	AGENCY	REQUIREMENTS	COMPLIANCE	SPPE SECTION
Federal	Occupational Health & Safety Act of 1970 (OSHA), 29 USC §651 et. Seq.; 29 CFR 1910 et seq.; 1926 et seq.	Fed-OSHA & Cal-OSHA.	Meet employee health and safety standards for employer-employee communications, electrical operations and chemical exposures.	Implementation of safety/training programs.	6.17.2.4
	Department of Labor, Safety and Health Regulations for Construction, Contract Work Hours and Safety Standards Act, §333; 40 USC §327 et seq.	Fed-OSHA & Cal-OSHA.	Meet employee health and safety standards for construction activities. Requirements addressed in CCR, Title 8, General Construction Safety Orders, Chapter 4, Subchapter 4.	Implement construction health and safety programs.	6.17.2.1
	Uniform Fire Code, Articles 4, 79, 80.	San Diego County Fire Department.	Meet requirements for use of flammable and combustible liquids (Article 79) and for the storage and handling of hazardous materials (Article 80).	Follow UFC guidance.	6.17.2.4
	National Fire Protection Association.	San Diego County Fire Department.	Meet standards necessary to establish a reasonable level of safety and property protection from hazards created by fire and explosion.	Install fire prevention and suppression design and equipment.	6.17.2.4
State	California Code of Regulations (CCR), Title 8, Title 24.	Cal-OSHA.	Meet requirements for a safe and hazard-free working environment. Requirements include General Industry Safety Orders, General Construction Safety Orders, Electrical Safety Orders.	Implement construction and operations health and safety programs.	6.17.2.1
	CCR, Title 22, Sections 66264.16 and 66270.14.	California Department of Health Services.	Meet requirements for personnel training and recordkeeping.	Implement health and safety training programs.	6.17.2.2
Local	County Fire Code –San Diego County Code of Regulatory Ordinances, Title 3, Division 5, Chapter 3	San Diego County Fire Department.	Comply with rules and regulations regarding flammable materials and other fire hazards.	Implement Fire Prevention Plan.	6.17.2.4
Industry	None Applicable	None Applicable	None Applicable	None Applicable	Not Applicable

The LORS for worker safety do not require the issuance of permits specific to the Project. Table 6.17-3 identifies agencies that have jurisdiction for enforcing laws and regulations for worker safety.

Table 6.17-3 – Administrative Agencies Worker Safety

AGENCY	AUTHORITY
Cal/OSHA Consultation Services San Diego Region William Obert – Area Manager 7575 Metropolitan Drive, Suite 204 San Diego, California 92108 (619) 767-2060 (619) 767-2070 (fax)	Hazard Identification and Regulatory Enforcement
Cal/OSHA Enforcement San Diego Region Luis Mireles- District Manager 7575 Metropolitan Drive, Suite 207 San Diego, California 92108 (619) 767-2280 (619) 767-2299 (fax)	Complaint Investigation

6.17.8 References

California Code of Regulations. Title 8. General Industry Safety Orders, Construction Safety Orders and Electrical Safety Orders.

California Code of Regulations. Title 19. Division 2, Chapter 4, Article 4, Section 2732.

California Code of Regulations. Title 22. Division 4.5, Section 66265.16.

TRC Environmental Corporation. *Health and Safety Program*. 2007.

6.17-A, B

APPENDIX 6.17-A – CONSTRUCTION HEALTH & SAFETY PLAN OUTLINE

EXAMPLE TABLE OF CONTENTS
CONSTRUCTION HEALTH AND SAFETY PROGRAM

EXAMPLE TABLE OF CONTENTS
CONSTRUCTION HEALTH AND SAFETY PROGRAM
(Continued)

EXAMPLE TABLE OF CONTENTS
CONSTRUCTION HEALTH AND SAFETY PROGRAM
(Continued)

6.17-B, B

APPENDIX 6.17-B – EMERGENCY RESPONSE PLAN OUTLINE

APPENDIX 6.17-B

EXAMPLE EMERGENCY RESPONSE PLAN OUTLINE

I Spill or Release of Hazardous Materials

A. Acids/Bases
B. Flammable Gases
C. Oil-based Liquids
D. Other Chemicals

II Fire, Flood, Earthquake, Explosion or Bomb Threat

A. Fire - General Procedures
B. Fire with Hazardous Chemicals
C. Earthquake
D. Bomb Threat

III Codes, Incident Command System, and First Aid

A. Emergency Codes
B. Incident Command System (ICS)
C. First Aid (General)
D. Crisis Management

IV Teams and Contacts

A. Fire/Rescue/Police/Ambulance
B. Plant Emergency Response Personnel
C. Site Control Room
D. New Media Inquiries
E. Private Spill Response Organizations
F. Government Response Organizations and Contacts
G. Other Services/Suppliers
H. Community Notification Network

V Maps and Diagrams

A. Site Plan
B. HAZMAT/Hazardous Waste Storage Areas
C. Spill Response Equipment
D. Evacuation Routes
E. Storm Drain Piping/Catch Basins
F. Hospital Information

VI Plan Administration

A. Title Page with Facility Manager's Signature
B. Update Log
C. Response Equipment/Supplies Checklist
D. Incident Record
E. Emergency Release Follow-up