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Contractor Health & Safety Handbook

Orange County Water District
18700 Ward Street
Fountain Valley, CA 92708

ATTENTION: Orange County Water District (OCWD) Contractors

This handbook is designed to help you understand and comply with OCWD's Contractor Safety requirements.

This handbook is not intended to replace Federal, State or Local regulations regarding Contractor performance. Contractor shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect the activities of Contractor and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. Contractor shall at all times observe and comply with all such existing laws, ordinances, regulations, orders and decrees, and shall protect and indemnify OCWD, its officers, directors, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree.

Your full support and cooperation are required to comply with all the regulations including those contained in this handbook. References to "contractor" shall also include subcontractors, vendors, consultants and the like. OCWD reserves the right to change or waive the policies and provisions herein contained, at any time at its discretion.

Questions regarding OCWD Contractor Safety Program should be directed to your project manager.

Thank You For Your Cooperation.

OCWD Management

This handbook is not intended to replace Federal, State or Local regulations regarding Contractor performance

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I. CONTRACTOR SAFETY REVIEW

Prior to initiating any contract work at any OCWD facility, contractors must:

- Agree to follow the requirements set forth herein and all additional applicable Federal, State and local safety and environmental rules, regulations, ordinances and the like.
- Complete a Safety Review Process and applicable Forms. OCWD Project Manager and Risk & Safety will evaluate the information and forms for approval to perform work at OCWD.

II. SECURITY

Trespassing: Contractors, sub-contractors and their employees must confine themselves to the immediate site of their work, except when traveling between site and entrance or other places where they may have proper business.

Parking / Motor Vehicles / Deliveries: Contractor employees are permitted to park only in designated areas. The on-site speed limit is 15 miles per hour. All traffic signs must be obeyed. Pedestrians have the right-of-way. Contractors must arrange with the OCWD representative for the on-site delivery of materials, equipment and tools required for work performance. Contractors must obtain permission from the OCWD representative prior to using loading docks and platforms.

Alcoholic Beverages / Illegal Drugs: Alcoholic beverages and illegal or controlled drug substances are strictly prohibited on all OCWD premises.

Firearms / Explosives: Firearms and ammunition are not permitted on OCWD property. Explosive power tools are permitted with prior written approval from OCWD Project Manager. Only employees who have been trained in the operation of the particular tool in use shall be allowed to operate a powder-actuated tool.

Emergency Alarms and Evacuation Routes: Contractors need to review the site evacuation map with the project manager and communicate the information with their staff.

Contractors Equipment: Contractors will supply all equipment, which will be maintained in good operating condition, for work required by the project. A contractor is not permitted to use forklift equipment, ladders, tools, etc. owned by OCWD.

III. EMERGENCY PROCEDURES



Emergencies that require a 911 call must be followed by a call to our internal emergency line for reporting (714-378-3300). Internal emergency calls (3300) are answered by front desk staff during business hours, Monday through Friday and Control Room staff afterhours and weekends.

When the alarm sounds you must leave the building by the nearest safe exit and go to the designated assembly area outside of the building. Follow the Emergency Response Team (ERT) members and do not re-enter the building until the “All Clear” has been given by emergency personnel. Report your presence at the assembly area so that you can be accounted for.

IV. GENERAL DRESS AND CONDUCT

Contractor personnel will wear suitable clothing consistent with facility requirements. Shorts, tank tops, sandals and open toed shoes are not permitted.

Contractor personnel will behave in a mature and professional manner. Horseplay, foul language, fighting, or harassment of any kind will not be tolerated.

V. FOOD, BEVERAGES AND DRINKING WATER

Not all water systems at OCWD facilities are potable or suitable for drinking. Contractor personnel shall not drink from any non-potable sources. Water obtained from drinking fountains, bottled water sources and fresh water dispensing units are acceptable.

Contractor shall provide its own water to employees as required by the Heat Illness Prevention Program.

Eating is permitted in vending areas, lunchrooms and designated areas. Food and drinks are not allowed in laboratory areas at any time.

VI. SMOKING



NO SMOKING

Smoking or carrying lighted cigarettes, pipes, cigars and loose matches are strictly prohibited inside buildings. Additionally, use of any electronic smoking device (including, but not limited to, electronic cigarettes, vaporizers, and vape pens) is strictly prohibited inside buildings. Smoking, including the use of an electronic smoking device, is allowed only in outside designated areas, no less than 20 feet away from HVAC intake and entrances (project manager will provide information on designated area upon request).

VII. HOUSEKEEPING

Contract personnel must maintain proper housekeeping practices while onsite. At the end of each day, contractors must remove all rubbish, equipment, tools and machinery and leave the area clean. OCWD will provide a designated location to set up trailers, craft equipment and materials. These areas must be kept clean and orderly. All materials and equipment, including tools and tool boxes, are to be stored within the areas designated by OCWD representatives.

Refuse burning and/or open fires are prohibited.

Do not mix contractor generated waste with OCWD facility waste.

Contractors are required to cover and/or use plastic barriers, e.g., Visqueen, as appropriate, to protect sensitive computer, laboratory, and other equipment, furniture, flooring, and office areas where dust, dirt, debris, etc. can be generated from work activities involving ceiling tiles, drywall, flooring, saw cutting, jack-hammering and the like.

When generating dust indoors, (e.g. jackhammering, abrasive blasting, etc.) contractors must provide air filtration system or similar ventilation system to pull dust away from workers and occupied areas (similar to asbestos negative pressure ventilation).



VIII. UTILITIES AND SERVICES

Contractors must never dispose of paints, acids, caustics, cleaning agents, grease, or any other hazardous material down sinks, floor drains or storm drains.

All spills must be reported to the Risk & Safety Department immediately.

Contractors are not permitted to make connections to site electric, water, wastewater, steam, compressed air or other plant utilities without approval from Project Manager.

No water may be used from any fire hydrants, fire standpipes or risers, or hose stations for any purpose other than to fight a fire.

New or modified electrical / plumbing and utility circuits must be identified and tagged. Prints are to be updated as any changes occur.

Electrical power, steam, water (hot, cold, chilled, etc.), natural gas, vacuum, etc. shall not be shut off to any equipment, machinery or other services without approval from the Project Manager.

IX. RISK & SAFETY INSTRUCTIONS

OCWD has developed safety procedures to protect our employees, visitors, contractors, community, facilities and the environment. Upon request, Contractors can be provided with in-house safety procedures applicable to their work. For further clarification on any of these rules or if requirements are not fully understood, contractors must contact the Project Manager or Risk & Safety Department.

Contractor's employees are responsible for their safety, the safety of their fellow employees and the safety of OCWD employees per multi-employer site §336.10 of Chapter 3.2 of California Occupational Safety and Health Regulations (CAL/OSHA).

Safety policies and procedures must be followed at all times without exception.

Safety concerns shall be reported directly to the Project Manager who must consult the Risk & Safety Manager to resolve potential hazards or outstanding safety concerns and issues.

All work related injuries, illnesses, accidents and/or incidents must be reported to the Project Manager and Risk & Safety Manager immediately.

X. SAFETY EQUIPMENT

Contractor's employees should use eyewash and safety showers in applicable emergency situations.

Obey all OCWD safety signs and hazard warnings including the use of safety

glasses in designated areas. Signs are posted for everyone's safety.

The use of appropriate signs (i.e., danger, wet floor, etc.) is mandatory where hazards exist to communicate and prevent accidents & injuries.

All overhead work must be roped off. Planking and scaffolds must be secured safely.

All open ditches, trenches, excavations, potholes and the like must be marked by barriers.

Contractors must not remove any safety equipment (fire exit signs, fire extinguishers, safety mirrors, railings, chains, etc.) without prior approval from the Risk & Safety Manager.

All ladders must meet the applicable regulatory requirements. Metal ladders are not to be used for electrical work or stored near electrical panels. It is prohibited for anyone to stand on the top two steps of any ladder.

XI. CUTTING, WELDING AND HOT WORK



A hot work permit must be obtained and signed daily from the Maintenance Department (or Control Room supervisor for after hour/weekend work) for burning, welding, cutting, brazing, soldering and other work involving open flame or an electric arc per OCWD Fire Prevention Plan.

The permitted Hot Work area must be prepared and checked by the contractor prior to any welding and/or burning being performed. Inspection of the area should at a minimum include removing all combustible material from the area.

Proper safety equipment must be worn in the Hot Work process.

Fire watch must be performed by the contractor after the Hot Work and inspected by OCWD Maintenance Department or OCWD Inspector. Hot Work Permits must be returned to the Maintenance Department for fire watch signoff.

Hot Work Permits must be returned to the Maintenance Manager or designee for fire watch signoff and final checkup.

A Class ABC fire extinguisher **MUST** be nearby when there is Hot Work being performed.

Cal/OSHA, § 4848. Fire Prevention in Welding and Cutting

Cal/OSHA § 6777, Hot Work Permits

Cal/OSHA §1537. Welding, Cutting, and Heating of Coated Metals

Cal/OSHA § 1536. Ventilation Requirements for Welding, Brazing, and Cutting

XII. CONFINED SPACES



Contractor personnel are not permitted to enter any confined space at OCWD until approved by the Project Manager. Contractors are required to provide a copy of the following prior to entering Confined Spaces:

- Training documentation for those entering confined spaces
- Copy of completed entry permit

The Project Manager or designee will inform the contractor about known hazards of the confined space.

Contractor is required to inform the OCWD Project Manager of any hazards confronted or created in the confined space.

Confined Space Entry PERMIT and MONITORING must be completed prior to entry.

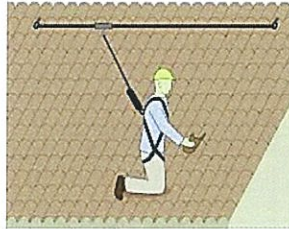
Permit-Required Confined Spaces means a confined space that has one or more of the following characteristics:

- Contains or has a potential to contain a hazardous atmosphere;
- Contains a material that has the potential for engulfing an entrant;
- Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross-section; or contains any other recognized serious safety or health hazard.

Examples of permit required confined space include but not limited to: tanks, manholes, vaults, pipes, and secondary containment pits.

Cal/OSHA §5157. Permit-Required Confined Space.

XIII. ROOF AND ELEVATED SURFACE WORK



No access to the roof is allowed without the Project Manager or the Maintenance Manager notice. No smoking is allowed on the roof. Communication such as a two way radio or cell phone is required. Contract employees are not allowed to work near unguarded skylights without fall prevention equipment.

- *Article 16. Standard Railings (Cal/OSHA Construction Safety Orders 1620 - 1621)*
- *Article 19. Floor, Roof and Wall Openings (Cal/OSHA Construction Safety Orders 1632 - 1633)*
- *Article 21. Scaffolds - General Requirements (Cal/OSHA Construction Safety Orders 1635.1 1637)*
- *Article 22. Scaffolds - Various Types (Cal/OSHA Construction Safety Orders 1640 - 1655)*
- *Article 24. Fall Protection (Cal/OSHA Construction Safety Orders 1669 - 1672)*
- *Article 2. Standard Specifications (Cal/OSHA General Industry Safety Orders, 3209 – 3239).*

XIV. LOCKOUT / TAGOUT

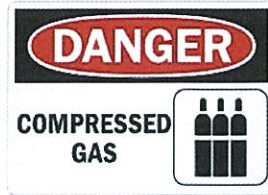


Contractor personnel must comply with all requirements of the OCWD Lockout / Tagout procedure when working on any system with potential energy from any source (electric, mechanical, hydraulic, steam, etc.).

OCWD designated Operations personnel, will place their lock first and will be the last person to remove their lock during a lockout process involving contractors. All contractors and personnel working on a locked out system must have their own locks. All locks must be applied for all workers and the system not restarted until the last lock is removed. It is forbidden for anyone to remove another person's lock.

CAL/OSHA §3314. The Control of Hazardous Energy for the Cleaning, Repairing, Servicing, Setting-Up, and Adjusting Operations of Prime Movers, Machinery and Equipment, Including Lockout/Tagout.

XV. COMPRESSED GASES



Contractor personnel must comply with all requirements for identifying, storing and safely using cylinders of compressed gases (air, oxygen, helium, acetylene, argon, hydrogen, nitrogen, liquid nitrogen, etc.). Free standing gas cylinders (unsecured) are not allowed on site. All gas cylinders must be used, stored and secured properly (i.e. chained, strapped)

CAL/OSHA §4650. Storage, Handling, and Use of Cylinders and Compressed Gases.

XVI. ASBESTOS



Contractors are prohibited from using any materials, supplies, or other objects that contain or may potentially contain asbestos or asbestos fibers.

Contractors who identify materials that are suspected of containing asbestos must immediately stop work and notify the OCWD Project Manager.

CAL/OSHA §1529. Asbestos.

XVII. FIRE PROTECTION AND EMERGENCIES



Self-closing safety cans with flame arrestors must be used with all flammable liquid of 5 gallons or more.

Fire protection and emergency equipment (fire extinguishers, pull alarms, exits, hydrants, etc.), must not be blocked with materials and equipment.

The use of portable gasoline-powered equipment within OCWD buildings and on the roofs of OCWD buildings is prohibited.

Approval from the OCWD Risk & Safety Manager is required before temporarily obstructing roadways that could block the movement of emergency equipment, plant vehicles or agency (fire trucks, ambulances, police cars, etc.)

CAL/OSHA §3221. Fire Prevention Plan

XVIII. HAZARD COMMUNICATION



Contractors must provide Safety Data Sheets (SDS) to the Risk & Safety Manager of all chemicals that will be brought onsite. Contractors must inform the OCWD Project Manager of any hazardous conditions which might arise in the performance of their job.

Safe chemical handling procedures must be used by contractor personnel to ensure exposure levels remain safe for all OCWD employees.

Personal Protective Equipment (PPE) specified and recommended in the SDS should be worn properly at all times the chemical(s) is in use.

CAL/OSHA §5194. Hazard Communication

XIX. PROTECTIVE CLOTHING AND PERSONAL PROTECTIVE EQUIPMENT (PPE)



Contractor personnel will use PPE that is required for the job (e.g. eye protection with side shields, goggles, welding helmet, hearing protection, hard hats, and safety shoes). PPE will be worn in all posted areas or whenever hazards associated with the tasks being performed warrant further protection. Eye protection must always be worn when using hand or power tools and when working with chemicals.

Contractors are responsible for supplying their workers with the required PPE while performing work at OCWD.

CAL/OSHA §3380. Personal Protective Devices

CONTRACTOR'S ENVIRONMENTAL HEALTH & SAFETY AGREEMENT

I have read the information stated in the OCWD's Contractor Health & Safety Handbook. I understand that the information provided covers brief highlights of the OCWD's safety programs. It is my responsibility to review the updated programs and communicate the safety information & requirements to my employees.

I understand that the Contractor's Health & Safety Handbook is not intended to replace Federal, State or Local regulations regarding Contractor performance. Contractor shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect the activities of Contractor and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. Contractor (including contractor employees and subcontractors) shall at all times observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees, and shall protect and indemnify OCWD, its officers, directors, employees and agents against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree.

Contractor Company _____

Contractor Name & Title
(Please Print): _____

Contractor Signature: _____

Date: _____

FORWARD A SIGNED COPY OF THE CONTRACTOR'S AGREEMENT PAGE TO RISK & SAFETY DEPARTMENT