



RAMCON

Engineering & Environmental Contracting, Inc.

P.O. Box 1026
3751 Commerce Drive
West Sacramento, CA 95691

Phone (916) 372-7535
Fax (916) 372-4209

RAMCON SITE HEALTH AND SAFETY PLAN

Contractor: RAMCON - 3751 COMMERCE DR. WEST SAC, CA 95691
Site Name: TRANS BAY CONTAINER/TERMINAL BUILDING
Site Address: 707 FERRY STREET
OAKLAND, CA 94607
Job No: 624001

ON SITE ORGANIZATION AND COORDINATION - Police or Fire Call 911

Site Manager: John Pile **Pager:** 440-3826 **Phone:** 372-7535
Responsibilities: Oversee tank removal operations, air monitoring, determining when site level will be changed and arrange for all necessary inspections.

HAZARD EVALUATION

1. Be aware of area where work is performed. Stay clear of excavation equipment during operations to avoid physical injury.
2. Set up a perimeter around work area with "No Smoking" signs posted to avoid fire hazards and unwanted personnel.
3. Have respirators, Tyveks suits and gloves readily available for personal protection when needed.
4. Have (2) 20Lb A:120 B-C dry chemical fire extinguisher available at all times.
5. Monitor air around excavation for any hazardous vapors.
6. All employees are to wear hard hats to avoid injuries to head area.
7. No eating, drinking or smoking at work site.
8. In the event air monitoring reached 10% of the lower explosive limit, the site will be evacuated and the fire inspector notified.
9. In the event L.E.L reading goes above 10% inside tank, dry ice will be introduced into tank to render tank non-explosive.
10. All Cal OSHA regulations will be enforced.



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DAILY BRIEFINGS

1. Inform each employee of what work needs to be accomplished during the work day.
2. Review any problems that may have occurred the prior day.
3. Inform employees on the status of air quality. Review respirator donning procedure if applicable.
4. Inform employees on visitors to site that day.
5. Review weather conditions and what signs to watch out for. If weather is going to be abnormal, take necessary breaks.
6. Reiterate the fact, that safety comes first.
7. Have open discussion with employees to answer any questions or problems.

AIR AND PERSONAL MONITORING DEVICES

We will be using the Gastechtor 1314 and the LEL 02 Meter to monitor the concentrations of hydrocarbons & explosive mixture in the air and in the dirt. The Gastechtor is calibrated weekly with Hexane.

PERSONNEL PROTECTIVE EQUIPMENT

Employees will work at Level D until air monitoring indicates a need for a change. Level D protection will consist of hard hats, steel toed boots, ear and eye protection and normal work clothes (Blue jeans and company shirts). When air monitoring indicates TPH levels above 50 PPM or Benzene levels above 1 PPM respirators will be donned along with Tyvek suits and gloves. Filter cartridge will be changed when break through is achieved. At Level C air monitoring will be changed from every 15 minutes to every 5 minutes. When employees reach immediate break through on filter cartridge then the site will be evacuated.



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SECURING THE SITE

Securing the site will consist of barricading the excavation with lighted barricades and barricade tape. All stockpiled soil will be covered with visqueen. The visqueen will be secured with tires and rope to hold it in place.

EMERGENCY CONTACTS AND PHONE NUMBERS:
POLICE OR FIRE CALL 911

Project Manager: John Pile - 916/372-7535 Office, 440-3826 Pager
916/761-1746 Mobile

Client Contact: Wing Lau - 510/272-1457

Environmental Agency: Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, Ca 510/271-4320

Hospital: Summit Medical Center
350 Hawthorne Avenue - Oakland, 94609
Between Broadway and Telegraph off of Webster
510/655-4000

Site Phone Number: None

Ramcon's occupational Doctor: Dr. David E. Root
1 Scripps Drive
Sacramento, Ca 95825
(916) 924-9263

Dr. Root should be notified in the event of any occupational injury or exposure.

Workman's Compensation Carrier: Wright & Kimbrough
Policy Number: PC942941
Expires: 10/92

Poison: 415/476-2845 **EPA:** 800/424-8802 **Envirologic:** 207/773-3020

OSHA TRAINING

The certificates for the OSHA Hazardous Waste Training (29 CFR 1910.120) are to be shown to the engineer.