



**SCOTT CO.**

MECHANICAL CONTRACTORS  
1717 Doolittle Drive  
P.O. Box 5555  
San Leandro, California 94577-0655  
(510) 895-2333

Contractors License No. 184480

## **SAFETY PLAN**

TANK REMOVAL AT:

***MILLER MEAT PACKING COMPANY  
206 2ND STREET, OAKLAND, CALIFORNIA 94607***

GENERAL CONTRACTOR:	Scott Co. of California 1717 Doolittle Drive San Leandro, CA 94555
PROJECT MANAGER:	Paul Ferreira
SITE SAFETY COORDINATOR:	William McCarthy
ALTERNATES:	Tony Fontana Joe Madison

Mr. McCarthy will have in his possession two A:B:C: rated fire extinguishers and Type C protective clothing. Also, he will have a first aid kit and telephone numbers of nearest medical facilities. Scott Co. personnel will have respirators on site should an emergency occur.

Upon arrival at the site, Scott Co. personnel will set up physical barriers around the trench. Fire extinguishers and first aid kit will be set out in an appropriate, accessible spot.

The explosion meter that can detect the level of oxygen and hydrocarbon will be supplied by the contractor and operated by Mr. McCarthy. Thirty pounds of dry ice per 1,000 gallons of tank capacity will be applied to render the tank inert.

All Scott Co. Environmental personnel have received 40 hours of OSHA Training, thus providing them with the knowledge and skills necessary to perform hazardous waste operations with minimal risk to their safety and health.

SAFETY PLAN  
(Continued)

Scott Co. has a policy in which all State certified Environmental personnel are required to have annual physicals to certify them for use of respirators. These records are maintained in our office.

The site will be controlled to reduce the possibility of environmental incidents involving hazardous substances by:

- setting up security and physical barriers to exclude unnecessary personnel from the general area, and
- minimizing the number of personnel and equipment on-site consistent with effective operations.

All tools used at the underground storage tank removal are cleaned on site by tapping and/or scrapping excess dirt and/or petroleum product onto the spoils pile.

If any questions should arise in reference to this safety plan, please contact Paul Ferreira at (510) 895-2333, extension 385.

# SCOTT CO. OF CALIFORNIA

## SAFETY & HEALTH RISK ANALYSIS

Mechanical Hazards	<u>  X  </u>
Electrical Hazards	<u>  X  </u>
Chemical Hazards	<u>  X  </u>
Temperature Hazards	<u>  X  </u>
Acoustical Hazards	<u>  X  </u>
Confined Space Hazards	<u>  X  </u>
Radiation Hazards	<u>      </u>
Bio Hazards	<u>      </u>

Should any of the above hazards exist, the following procedures to mitigate hazards will take effect.

### MECHANICAL HAZARDS

- \* Do not stand near backhoe buckets and earth moving equipment.
- \* Verify that all equipment is in good condition.
- \* Do not stand or walk under elevated loads of ladders.
- \* Do not stand near unguarded excavation and trenches.
- \* Do not enter excavation or trenches over 5 feet deep that are not properly guarded, shored, or sloped.
- \* Consult DHSO if other mechanical hazards exist.

# SCOTT CO. OF CALIFORNIA

## SAFETY & HEALTH RISK ANALYSIS

(Continued)

### TEMPERATURE HAZARDS

#### Heat Stress

- \* When temperature exceeds 70°F, take frequent breaks in shaded area. Unzip or remove coveralls during breaks. Have cool water or electrolyte replenishment solution available. Drink small amounts frequently to avoid dehydration. Count the pulse rate for 30 seconds as early as possible in the rest period. If the pulse rate exceeds 110 beats per minute at the beginning of the rest period, shorten the work cycle by one-third.

#### Cold Stress

- \* Wear multilayer cold weather outfits. The outer layer should be of wind resistant fabric.
- \* 0°F to -30°F total work time is 4 hours. Alternate 1 hour in and 1 hour out of the low temperature area. Below -30°F, consult industrial hygienist.
- \* Drink warm fluid. Provide warm shelter for resting. Use buddy system. Avoid heaving sweating.

### ACOUSTICAL HAZARDS

- \* Use earplugs or earmuffs when noise level prevents conversation in normal voice at distance of three feet.

### O<sub>2</sub> DEFICIENCY - CONFINED SPACE HAZARDS

- \* Confined spaces include trenches, pits, sumps, elevator shafts, tunnels, or any other area where circulation of fresh air is restricted or ability to readily escape from the area is restricted. Consult DHSO and Corporate Health and Safety Policy prior to entering confined space.
- \* Obtain permit for confined space entry.
- \* At least one person must be on standby outside the confined space who is capable of pulling workers from confined space in an emergency.
- \* Work involving the use of flame, arc, spark, or other source of ignition is prohibited within confined space.

## CHEMICAL HAZARDS

### Diesel/Gasoline/Waste Oil

- \* Materials contain constituents such as Benzene, Toluene, and Xylene which are known or suspected carcinogens and have caused cancer in laboratory animals.
- \* Exposure to concentrations of materials should be avoided.
- \* Avoid contact with skin where personal protective equipment such as gloves, and eye protection are not used.
- \* Prolonged exposure can cause dizziness, nausea, shortness of breath, and headaches and/or all of the above.