

SUBJECT: General Health & Safety Program

REGULATORY STANDARDS: OSHA 1926 Subpart C & Subpart D

General

SUBTERRA UTILITIES will ensure that we comply with the safety requirements set forth within this program.

Responsibility

The Program Manager is the program coordinator, acting as the representative of SUBTERRA UTILITIES owners, who have the ultimate responsibility for all facets of this program. The Program Manager is the sole person authorized to amend these instructions. SUBTERRA UTILITIES has authorized the Program Manager and any Supervisor or Employee to halt any operation of SUBTERRA UTILITIES where there is danger of serious personal injury. Supervisors are required to ensure their employees are aware of the contents of this program and have received the basic awareness training before their assignment to work.

Contents of the General Health & Safety Program	Page
Accident Prevention	2
Safety Training and Education	2
Medical Services and First Aid	3
Personal Protective Equipment	4
Occupational Noise Exposure	4
Potable Water	6
Toilets	6
Illumination	6
Lavatories	7
Showers	7
Eating and Drinking Areas	8
Housekeeping	8
Means of Egress	8
Emergency Action Plans	9
Safety Program Revisions & Updates	10

Accident Prevention

- It is SUBTERRA UTILITIES 's responsibility to initiate and maintain such programs as may be necessary to comply with this part.
- Such programs shall provide for frequent and regular inspections of the job sites, materials, and equipment to be made by competent persons designated by SUBTERRA UTILITIES.
- The use of any machinery, tool, material, or equipment which is not in compliance with any applicable OSHA & Manufacture requirements is prohibited. Such machine, tool, material, or equipment shall either be identified as unsafe by tagging or locking the controls to render them inoperable or shall be physically removed from its place of operation.
- SUBTERRA UTILITIES shall permit only those employees qualified by training or experienced and authorized to operate equipment and machinery.
- SUBTERRA UTILITIES shall provide personal protective equipment (PPE), including respirators and other types of PPE, because of hazards to employees impose a separate compliance duty with respect to each employee. SUBTERRA UTILITIES shall provide PPE to each employee required to use the PPE.

Safety Training and Education

- SUBTERRA UTILITIES shall provide safety training on hazards and related matters as required. SUBTERRA UTILITIES shall train each affected employee in the manner required.
- SUBTERRA UTILITIES shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his/ her work environment to control or eliminate any hazards or other exposure to illness or injury.
- Employees required to handle or use poisons, caustics, and other harmful substances shall be instructed regarding the safe handling and use, and be made aware of the potential hazards, personal hygiene, and personal protective measures required.
- In job site areas where harmful plants or animals are present, employees who may be exposed shall be instructed regarding the potential hazards, and how to avoid injury, and the first aid procedures to be used in the event of injury.

- Employees required to handle or use flammable liquids, gases, or toxic materials shall be instructed in the safe handling and use of these materials and made aware of the specific requirements.

Medical Services and First Aid

- SUBTERRA UTILITIES shall insure the availability of medical personnel for advice and consultation on matters of occupational health.
- Provisions shall be made prior to commencement of the project for prompt medical attention in case of serious injury.
- In the absence of an infirmary, clinic, hospital, or physician, that is reasonably accessible in terms of time and distance to the worksite, which is available for the treatment of injured employees, a person who has a valid certificate in first-aid training from the U.S. Bureau of Mines, the American Red Cross, or equivalent training that can be verified by documentary evidence, shall be available at the worksite to render first aid.
- First aid supplies shall be easily accessible when required.
- The contents of the first aid kit shall be placed in a weatherproof container with individual sealed packages for each type of item, and shall be checked by SUBTERRA UTILITIES before being sent out on each job and at least weekly on each job to ensure that the expended items are replaced.
- Proper equipment for prompt transportation of the injured person to a physician or hospital, or a communication system for contacting necessary ambulance service, shall be provided.
- In areas where 911 emergency dispatch services are not available, the telephone numbers of the physicians, hospitals, or ambulances shall be conspicuously posted.
- In areas where 911 emergency dispatch services are available and an employer uses a communication system for contacting necessary emergency-medical service, the employer must:
 - Ensure that the communication system is effective in contacting the emergency-medical service; and
- When using a communication system in an area that does not automatically supply the caller's latitude and longitude information to the 911 emergency dispatcher, SUBTERRA UTILITIES shall post in a conspicuous location at the worksite either:
 - The latitude and longitude of the worksite; or

- Other location-identification information that communicates effectively to employees the location of the worksite.
- Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.

Personal Protective Equipment

- SUBTERRA UTILITIES is responsible for requiring the wearing of appropriate personal protective equipment in all operations where there is an exposure to hazardous conditions or where this part indicates the need for using such equipment to reduce the hazards to the employees.
- Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers, shall be provided, used, and maintained in a sanitary and reliable condition wherever it is necessary by reason of hazards of processes or environment, chemical hazards, radiological hazards, or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any part of the body through absorption, inhalation or physical contact.
- SUBTERRA UTILITIES prohibits employees from providing their own protective equipment. Personal protective equipment shall be provided by SUBTERRA UTILITIES at no cost to employees.
- All personal protective equipment shall be of safe design and construction for the work to be performed.
- SUBTERRA UTILITIES is not required to pay for non-specialty safety-toe protective footwear (including steel-toe shoes or steel-toe boots) and non-specialty prescription safety eyewear, provided that the employer permits such items to be worn off the job-site.
- SUBTERRA UTILITIES is not required to pay for everyday clothing, such as long-sleeve shirts, long pants, street shoes, and normal work boots; or ordinary clothing, skin creams, or other items, used solely for protection from weather, such as winter coats, jackets, gloves, parkas, rubber boots, hats, raincoats, ordinary sunglasses, and sunscreen.
- SUBTERRA UTILITIES shall pay for replacement PPE, except when the employee has lost or intentionally damaged the PPE.

Occupational Noise Exposure

- Protection against the effects of noise exposure shall be provided when the sound levels exceed those shown in Table D-2 of this section when measured on the A-scale of a standard sound level meter at slow response.
- When employees are subjected to sound levels exceeding those listed in Table D-2 of this section, feasible administrative or engineering controls shall be utilized. If such controls fail to reduce sound levels within the levels of the table, personal protective equipment as required in Subpart E, shall be provided and used to reduce sound levels within the levels of the table.
- If the variations in noise level involve maxima at intervals of 1 second or less, it is to be considered continuous.
- In all cases where the sound levels exceed the values shown herein, a continuing, effective hearing conservation program shall be administered.
- Exposure to impulsive or impact noise should not exceed 140 dB peak sound pressure level.

TABLE D-2 - PERMISSIBLE NOISE EXPOSURES

Duration per day, hours	Sound level dBA slow response
8.....	90
6.....	92
4.....	95
3.....	97
2.....	100
1 1/2.....	102
1.....	105
1/2.....	110
1/4 or less.....	115

- Wherever it is not feasible to reduce the noise levels or duration of exposures to those specified in Table D-2 above, ear protective devices shall be provided and used.

- Ear protective devices inserted in the ear shall be fitted or determined individually by competent persons.
- Plain cotton is not an acceptable protective device.

Potable Water

- An adequate supply of potable water shall be provided in all places of employment.
- Portable containers used to dispense drinking water shall be capable of being tightly closed, and equipped with a tap. Water shall not be dipped from containers.
- Any container used to distribute drinking water shall be clearly marked as to the nature of its contents and not used for any other purpose.
- The common drinking cup is prohibited. Where single service cups (to be used but once) are supplied, both a sanitary container for the unused cups and a receptacle for disposing of the used cups shall be provided.

Toilets

- Toilets shall be provided for employees according to the following table:

Table D-1

Number of Employees Toilets	
20 or less.....	1
20 or more.....	1 toilet seat and 1 urinal per 40 workers.
200 or more.....	1 toilet seat and 1 urinal per 50 workers.

Illumination

- Construction areas, aisles, stairs, ramps, runways, corridors, offices, shops, and storage areas where work is in progress shall be lighted with either natural or artificial illumination. The minimum illumination requirements for work areas are contained in the table below.

TABLE D-3 - MINIMUM ILLUMINATION INTENSITIES IN FOOT-CANDLES

Foot-Candles	Area of Operation
5.....	General construction area lighting.
3.....	General construction areas, concrete placement,, excavation and waste areas, access ways, active storage areas, loading platforms, refueling, and field maintenance areas.
5.....	Indoors: warehouses, corridors, hallways, and exitways.
5.....	Tunnels, shafts, and general underground work areas: (Exception: minimum of 10 foot-candles is required at tunnel and shaft heading during drilling, mucking, and scaling. Bureau of Mines approved cap lights shall be acceptable for use in the tunnel heading)
10.....	General construction plant and shops (e.g., batch plants, screening plants, mechanical and electrical equipment rooms, carpenter shops, rigging lofts and active store rooms, mess halls, and indoor toilets and workrooms.)
30.....	First aid stations, infirmaries, and offices.

Lavatories

- Lavatories shall be made available in all places of employment. The requirements of this subdivision do not apply to mobile crews or to normally unattended work locations if employees working at these locations have transportation readily available to nearby washing facilities which meet the other requirements of this paragraph.
- Each lavatory shall be provided with hot and cold running water, or tepid running water.
- Hand soap or similar cleansing agents shall be provided.
- Individual hand towels or sections thereof, of cloth or paper, air blowers or clean individual sections of continuous cloth toweling, convenient to the lavatories, shall be provided.

Showers

- Whenever showers are required by a particular standard, the showers shall be provided in accordance with the following:
 - One shower shall be provided for each 10 employees of each sex, or numerical fraction thereof, who are required to shower during the same shift.
 - Body soap or other appropriate cleansing agents convenient to the showers shall be provided.
 - Showers shall be provided with hot and cold water feeding a common discharge line.
 - Employees who use showers shall be provided with individual clean towels.

Eating and Drinking Areas

- Eating and drinking areas. No employee shall be allowed to consume food or beverages in a toilet room nor in any area exposed to a toxic material.

Housekeeping

- During the course of construction, alteration, or repairs, form and scrap lumber with protruding nails, and all other debris, shall be kept cleared from work areas, passageways, and stairs, in and around buildings or other structures.
- Combustible scrap and debris shall be removed at regular intervals during the course of construction. Safe means shall be provided to facilitate such removal.
- Containers shall be provided for the collection and separation of waste, trash, oily and used rags, and other refuse. Containers used for garbage and other oily, flammable, or hazardous wastes, such as caustics, acids, harmful dusts, etc. shall be equipped with covers. Garbage and other waste shall be disposed of at frequent and regular intervals.

Means of Egress

- "General." In every building or structure exits shall be so arranged and maintained as to provide free and unobstructed egress from all parts of the building or structure at all times when it is occupied. No lock or fastening to prevent free escape from the inside of any building shall be installed except in mental, penal, or corrective institutions where supervisory personnel is continually on duty and effective provisions are made to remove occupants in case of fire or other emergency.

- "Exit marking." Exits shall be marked by a readily visible sign. Access to exits shall be marked by readily visible signs in all cases where the exit or way to reach it is not immediately visible to the occupants.
- "Maintenance and workmanship." Means of egress shall be continually maintained free of all obstructions or impediments to full instant use in the case of fire or other emergency.

Emergency Action Plans

- SUBTERRA UTILITIES shall establish a written emergency action plan that includes actions the company must take to ensure employee safety from fire and other emergencies.
- The written emergency action plan shall include, at a minimum, the following elements:
 - Emergency escape procedures and emergency escape route assignments;
 - Procedures to be followed by employees who remain to operate critical plant operations before they evacuate;
 - Procedures to account for all employees after emergency evacuation has been completed;
 - Rescue and medical duties for those employees who are to perform them;
 - The preferred means of reporting fires and other emergencies; and
 - Names or regular job titles of persons or departments who can be contacted for further information or explanation of duties under the plan.
- SUBTERRA UTILITIES shall establish an employee alarm system.
- If the employee alarm system is used for alerting fire brigade members, or for other purposes, a distinctive signal for each purpose shall be used.
- SUBTERRA UTILITIES shall establish in the emergency action plan the types of evacuation to be used in emergency circumstances.
- Before implementing the emergency action plan, the SUBTERRA UTILITIES shall designate and train a sufficient number of persons to assist in the safe and orderly emergency evacuation of employees.
- SUBTERRA UTILITIES shall review the plan with each employee covered by the plan at the following times:
 - Initially when the plan is developed,
 - Whenever the employee's responsibilities or designated actions under the plan change, and
 - Whenever the plan is changed.
- SUBTERRA UTILITIES shall review with each employee upon initial assignment those parts of the plan which the employee must know to protect the employee in the event of an emergency. The

written plan shall be kept at the workplace and made available for employee review. For those employers with 10 or fewer employees the plan may be communicated orally to employees and the employer need not maintain a written plan.

Safety Program Revisions & Updates

The table below shall be used to record revisions and or updates conducted to this safety program. The date, person conducting the revisions and revision notes shall be added each time for record keeping purposes.

Revisions & Updates		
Date	Name	Revision Notes
03/20/2025	Enrique Garza	Document Format Revision & General Review Completed

Program Development Disclaimer: Title [i.e. Safety Manager, Safety Director, Site Safety Coordinators, Project Managers, Site Supervisors, Employees, etc.] references and Safety Responsibility sections added to written procedures developed by CSC are referring to the Client's [Your] internal designated employees and your responsibilities. CSC personnel shall not be on site full-time to oversee your work activities and shall not be responsible for the day-to-day safety responsibilities as it is associated with your scope of work. CSC personnel shall conduct random safety compliance audits of your active projects as work is in progress only if we have a signed master service agreement that includes conducting random safety compliance audits.