



Employee Safety Manual



TABLE OF CONTENTS

Subject	Page
Company Safety Policy Letter	3
Safety Program Outline	4
First Aid Procedures in Construction	4
Temperature Extremes (Heat Stress/Cold Stress)	5
Safety meetings and self-inspections	6
Safety Disciplinary Policy	6
General Safety Work Practices for Construction	7
Personal Protective Equipment	7
Housekeeping	7
Fall Protection	8
Electrical	8
Ladder safety	8
Trenching and Excavating	11
Scaffold Safety Rules	12
Motorized Vehicles and Equipment	13
Appendix:	
Employee Orientation Checklist	15
Job Safety Hazard Analysis Worksheet	16
Fall Protection Work Plan	17
Crew Leader Safety Meeting Form	18
Weekly Walk-around safety inspection	19
Equipment Safety Inspection Checklist	20
Framing Emphasis Checklist	21
Hazard Communication Checklist	23
Written Hazard Communication Program	24



COMPANY POLICY LETTER

SAFETY AND HEALTH POLICY FOR COSALISH DESIGN & LIGHTING

The purpose of this policy is to develop a high standard of safety throughout all operations of CoSalish Design & Lighting.

We believe that each employee has the right to derive personal satisfaction from his/her job and the prevention of occupational injury or illness is of such consequence to this belief that it will be given top priority at all times.

It is our intention here at CoSalish Design & Lighting, to initiate and maintain complete accident prevention and safety training programs. Each individual from top management to the working person is responsible for the safety and health of those persons in their charge and coworkers around them. By accepting mutual responsibility to operate safely, we all contribute to the well being of personnel and ensure our continued success.

Roy D. Pablo
Owner

Safety Program Outline



Element 1 - Safety Orientation: Each employee will be given a safety orientation when first hired. The orientation will cover the following items:

A description of the accident prevention program:

- We have a formal written accident prevention program as described in WISHA regulations (WAC 296-155-110). It consists of this safety orientation, safety meetings as described in Element 2, and Self-inspections as outlined in Element 3.
- We also have basic safety rules that all employees must follow. They are:
- Never do anything that is unsafe in order to get the job done. If a job is unsafe, report it to your supervisor or foreman. We will find a safer way to do that job.
- Do not remove or disable any safety device! Keep guards in place at all times on operating machinery.
- Never operate a piece of equipment unless you have been trained and are authorized.
- Use your personal protective equipment whenever it is required.
- Obey all safety warning signs.
- Working under the influence of alcohol or illegal drugs or using them at work is prohibited.
- Do not bring firearms or explosives onto company property.
- Horseplay, running and fighting are prohibited
- Clean up spills immediately. Replace all tools and supplies after use. Do not allow scraps to accumulate where they will become a hazard. Good housekeeping helps prevent accidents.
- Comply with all client directed safety guidelines.

How and when to report injuries, including first aid kits and their locations:

- If you are injured or become ill on the job, report this to your supervisor immediately.
- We require all supervisors and/or foremen to have first-aid/CPR training. 1
- We have first aid qualified workers here but we do not have “designated” first-aiders. First aid at the job site is done on a Good Samaritan basis.
 - If first aid trained personnel are involved in a situation involving blood, they should:
 - Avoid skin contact with blood/other potentially infectious materials by letting the victim help as much as possible, and by using gloves provided in the first aid kit.
 - Remove clothing, etc. with blood on it after rendering help.
 - Wash thoroughly with soap and water to remove blood. A 10% chlorine bleach solution is good for disinfecting areas contaminated with blood (spills, etc.).

- Report such first aid incidents within the shift to supervisors (time, date, blood presence, exposure, names of others helping).

Temperature Extremes

Workers subjected to temperature extremes, radiant heat, humidity, or air velocity combinations which, over a period of time, may produce physical illness. Protection by use of adequate controls, methods or procedures, or use of protective clothing will be provided to employees working in these conditions. Excessive exposure to heat is referred to as heat stress and excessive exposure to cold is referred to as cold stress.

Identification of hazardous chemicals used at any location:

- Safe use and emergency actions to take following an accidental exposure.
- We use a limited number of chemicals. You will receive a separate orientation as part of our chemical hazard communication program on the hazards of these chemicals before you work with them or work in an area where they are used, if necessary.

Use and care of required personal protective equipment (PPE): 4

- Some tasks in our company require an employee to wear PPE to protect against injury.
- You will be instructed by your supervisor, using the manufacturer's instructions on how to use and care for these PPE.

Safety Meetings and Self-Inspections

• Element 2 - Employee Safety Meetings

- At the beginning of each job and at least weekly thereafter.
- Review of any walk-around safety inspections conducted since the last safety meeting.
- Review of any citation to assist in correction of hazards.
- Evaluation of any accident investigations conducted since the last meetings to determine if the cause of the unsafe acts or unsafe conditions involved were properly identified and corrected.
- Document attendance and other subjects discussed.
- *Maintain records for one year.*

• Element 3 – Self-inspections

- At the beginning of each job, and at least weekly thereafter.
- Include one member of management and one employee, elected by the employees, as their authorized representative.
- Document walk-around safety inspection.
- *Maintain records until the completion of the job.*

Safety Disciplinary Policy

CoSalish Design & Lighting believes that a safety and health Accident Prevention Program is unenforceable without some type of disciplinary policy. Our company believes that in order to maintain a safe and healthful workplace, the employees must be cognizant and aware of all company, State, and Federal safety and health regulations as they apply to the specific job duties required. The following disciplinary policy is in effect and will be applied to all safety and health violations.

The following steps will be followed unless the seriousness of the violation would dictate going directly to Step 2 or Step 3.

1. A first time violation will be discussed orally between company supervision and the employee. This will be done as soon as possible.
2. A second time offense will be followed up in written form and a copy of this written documentation will be entered into the employee's personnel folder. Time off without pay (3 day minimum).
3. A third time violation will result in termination.

If an employee of this company knowingly and willingly violates any of the safety rules or procedures, or puts his/her self in an imminent danger situation, the employee will be immediately discharged.

General Safe Work Practices for Construction

Personal Protective Equipment

- Suitable clothing must be worn; long pants, at least short-sleeved shirts and adequate foot wear.
- Hard hats, safety glasses or goggles must be used when a potential hazard exists. (Safety glasses must be ANSI Z87 or Z87.1 approved).
- Hearing protection (earplugs or earmuffs) must be used in high noise areas.
- Gloves (as needed).

Housekeeping

- Always store materials in a safe manner. Tie down or support materials if necessary to prevent falling, rolling, or shifting.
- Shavings, dust scraps, oil or grease should not be allowed to accumulate. Good housekeeping is a part of the job.
- Trash piles must be removed as soon as possible. Trash is a safety and fire hazard.
- Immediately remove all loose materials from stairs, walkways, ramps, platforms, etc.
- Do not block aisles, traffic lanes, fire exits, gangways, or stairs.

Other general safe work practices

- Avoid shortcuts – use ramps, stairs, walkways, ladders, etc.
- Do not remove, deface or destroy any warning, danger sign, or barricade, or interfere with any form of accident prevention device or practice provided for your use or that is being used by other workers.
- Get help with heavy or bulky materials to avoid injury to yourself or damage to material.
- Do not use tools with split, broken, or loose handles, or burred or mushroomed heads. Keep cutting tools sharp and carry all tools in a container.
- Know the correct use of hand and power tools. Use the right tool for the job.

Fall protection

- Fall hazards of 10 feet or more will be outlined and addressed in our jobsite fall protection work plan.
- Fall hazards of less than 10 feet will be protected by covers, guardrails or other methods and will be addressed in our self-inspections and safety meetings.
- Standard guardrails must be erected around all floor openings and open-sided surfaces. Contact your supervisor for the correct specifications.

Electrical

- Ground-fault circuit interrupters (GFCI) will be used when ever possible.
- Electric cords will be inspected daily and repaired or replaced as necessary.

- Do not operate any power tool or equipment unless you are trained in its operation.
- Use tools only for their designed purpose.

Ladder safety

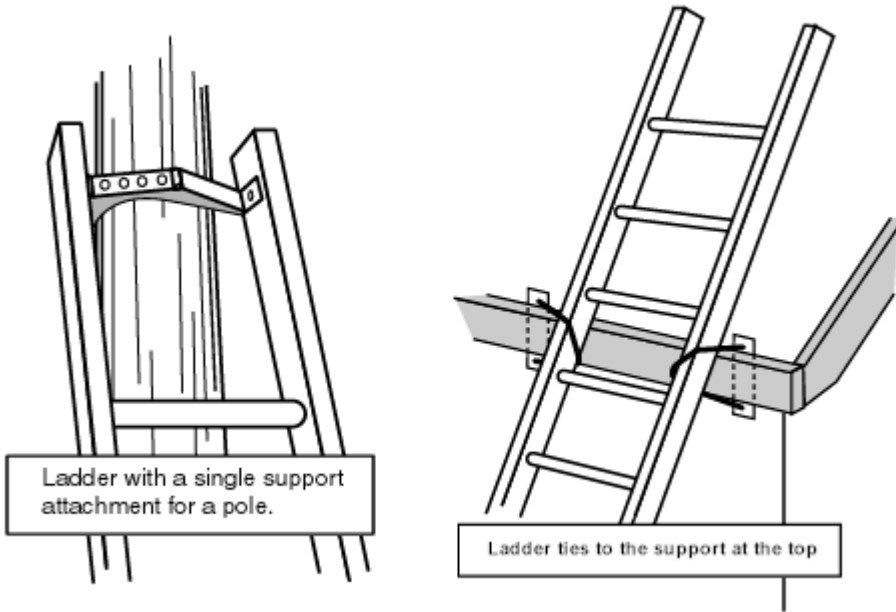
- Inspect before use for physical defects.
- Ladders are not to be painted except for numbering purposes.
- Do not use ladders for skids, braces, workbenches, or any purpose other than climbing.
- When you are ascending or descending a ladder, do not carry objects that will prevent you from grasping the ladder with both hands.
- Always face the ladder when ascending and descending.
- If you must place a ladder over a doorway, barricade the door to prevent its use and post a warning sign.
- Only one person is allowed on a ladder at a time.
- Do not jump from a ladder when descending.
- All joints between steps, rungs, and side rails must be tight.
- Safety feet must be in good working order and in place.
- Rungs must be free of grease and/or oil.

Stepladders

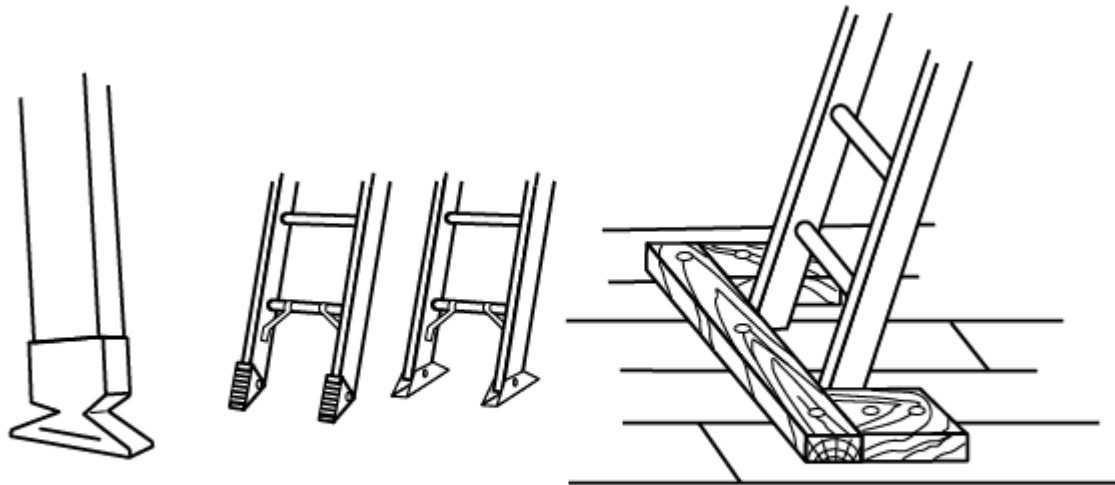
- Do not place tools or materials on the steps or platform of a stepladder
- Do not use the top two steps of a stepladder as a step or stand.
- Always level all four feet and lock spreaders in place.
- Do not use a stepladder as a straight ladder.

Straight type or extension ladders

- All straight or extension ladders must extend at least three feet beyond the supporting object when used as an access to an elevated work area.
- After raising the extension portion of a two or more stage ladder to the desired height, check to ensure that the safety dogs or latches are engaged.
- All extension or straight ladders must be secured or tied off at the top.

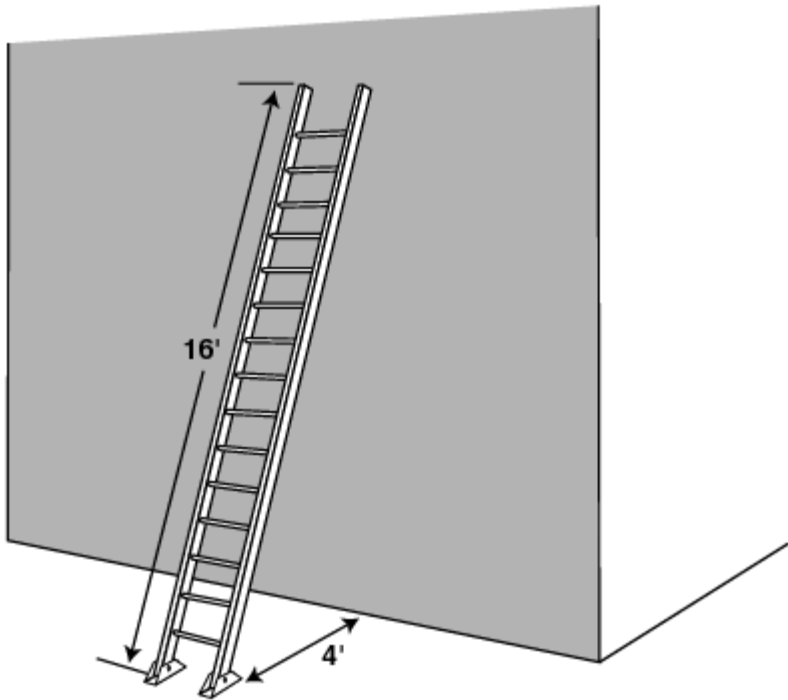


- All ladders must be equipped with safety (non-skid) feet.



Rubber Safety Feet	Spikes	Cleats Nailed to the Floor
Ladders with supports on the bottom.		

- Portable ladders must be used at such a pitch that the horizontal distance from the top support to the foot of the ladder is about one-quarter of the working length of the ladder.



For other rules and regulations regarding Portable Ladders, please refer to Safety Standard, WAC 296-876. For other rules and regulations regarding Fixed Ladders & Stairways, please refer to Part J of the Safety Standard WAC 296-155.

Trenching and Excavating

1. The determination of the angle of repose and design of the supporting system shall be based on careful evaluation of pertinent factors, such as:
 - a. Depth and/or cut/soils classification
 - b. Possible variation in water content of the material while excavation is open
 - c. Anticipated changes in materials from exposure to air, sun, water, or freezing
 - d. Loading imposed by structures, equipment, or overlaying or stored material
 - e. Vibration from equipment, blasting, traffic, or other sources

Approximate Angle of Repose For sloping of sides of excavations

Note:
Clays, silts, loams or non-homogenous soils require shoring and bracing

The presence of ground water requires special treatment

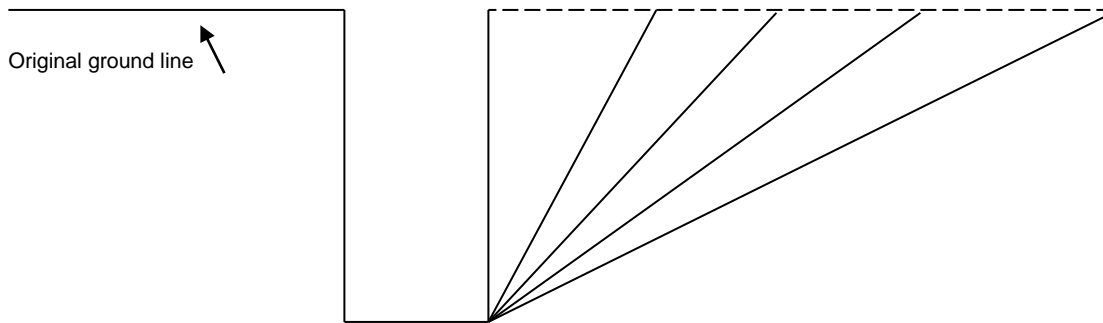
Solid rock and compact shale (90°)

Compacted angular gravels, glacial till ½:1 (63°26')

Recommended slope For Average soils 1:1 (45°)

Compacted sharp sand 1 ½:1 (33°41')

Well rounded loose sand 2:1 (26°34')



2. Walkways or bridges with standard railings **must be provided** when employees or equipment are required to cross over excavations.
3. The walls and faces of all excavations in which employees are exposed to danger from moving ground **must be guarded** by a shoring system, sloping of the ground, or some other equivalent means.
4. **No person must be permitted** under loads handled by power shovels, derricks, or hoists.
5. **All employees must be protected** with personal protective equipment for the protection of the head, eyes, respiratory system, hands, feet, and other parts of the body.

For other rules and regulations regarding trenching and excavating, please refer to Part N of the Construction Safety Standard, WAC 296-155.

Scaffold Safety Rules

1. General

Before starting work on a scaffold, inspect it for the following:

- a. Are guardrails, toeboards, and planking in place and secure?
 - b. Are locking pins at each joint in place?
 - c. Are all wheels on moveable scaffolds locked?
2. Do not attempt to gain access to a scaffold by climbing on it (unless it is specifically designed for climbing – always use a ladder).
 3. Scaffolds and their components must be capable of supporting four times the maximum intended load.
 4. Any scaffold, including accessories such as braces, brackets, trusses, screw legs, ladders, etc., damaged or weakened in any way, must be immediately repaired or replaced.
 5. Scaffold planks must extend over their end supports not less than 6 inches or more than 12 inches, unless otherwise specifically required.
 6. Scaffold platforms must be at least 18 inches wide unless otherwise specifically required or exempted.
 7. Where persons are required to work or pass under the scaffold, scaffolds shall be provided with a screen between the toeboard and guardrail, extending along the entire opening. The screen must be made of No. 18 gauge U.S. Standard wire, ½ inch mesh or equivalent protection.
 8. All scaffolds must be erected level and plumb, and on a solid footing.
 9. Do not change or remove scaffold members unless authorized.
 10. Do not allow workers to ride on a rolling scaffold when it is being moved. Remove or secure all materials and tools on deck before moving.
 11. Do not alter any scaffold member by welding, burning, cutting, drilling, or bending.

For other rules and regulations regarding scaffolding, please refer to Part J of the Construction Safety Standard, WAC 296-155.

Motorized vehicles and equipment

1. Do not ride on motorized vehicles or equipment unless a proper seat is provided for each rider.
2. Always be seated when riding authorized vehicles (unless they are designed for standing).
3. Do not operate any motorized vehicle or equipment unless you are specifically authorized to do so by your supervisor.
4. Always use your seat belts in the correct manner.
5. Obey all speed limits and other traffic regulations.
6. Always be aware of pedestrians and give them the right-of-way.
7. Always inspect your vehicle or equipment before and after daily use.
8. Never mount or dismount any vehicles or equipment while they are still in motion.
9. Do not dismount any vehicle without first shutting down the engine, setting the parking brake and securing the load.
10. Do not allow other persons to ride the hook or block, dump box, forks, bucket or shovel of any equipment.
11. Each operator must be knowledgeable of all hand signals and obey them.
12. Each operator is responsible for the stability and security of his/her load.

Forklift safety

Prior to performing work on or around Powered Industrial Trucks (forklifts) employees will receive training in: (See State of Washington – Forklift Safety Guide).

- Forklift safety hazards
- Types of forklifts (powered industrial trucks)
- Forklift operator training requirements

For other rules and regulations regarding motor vehicles, mechanized equipment and marine operations, please refer to Part M of the construction Safety Standard, WAC 296-155.