

Construction Safety Inspection Checklist



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Project Information:

Project Name:

Project Location:

Date of Inspection:

Inspector's Name:

Site Preparation:

General Site Safety:

- Ensure the presence of safety signage, including warning signs, hazard symbols, and safety guidelines.
- Check that access points are clearly marked and free of obstructions.
- Verify that emergency contact numbers and first aid supplies are readily accessible.
- Inspect the availability and condition of personal protective equipment (PPE) for all workers.
- Review safety training records to ensure all workers have received appropriate training.

Fall Hazards:

- Inspect scaffolding, ladders, and elevated work platforms for proper setup and stability.
- Check that guardrails and toe boards are in place on elevated work areas.
- Verify the use of fall arrest systems for workers operating at heights.
- Inspect floor openings and edges to ensure proper barricading or covers are in place.
- Review fall protection plans and procedures for compliance with safety standards.

Electrical Safety:

- Inspect electrical cords and equipment for damage or wear.
- Check that electrical outlets and panels are properly covered and labeled.
- Verify grounding and bonding for electrical safety.
- Ensure the use of Ground Fault Circuit Interrupters (GFCIs) where required.
- Review lockout/tagout procedures for electrical equipment maintenance.

Fire Safety:

- Verify the presence and accessibility of fire extinguishers in designated areas.
- Check that fire exits and evacuation routes are clearly marked and unobstructed.
- Inspect fire alarms and smoke detectors to ensure they are in working condition.
- Review the availability and use of fire-resistant materials in high-risk areas.
- Check that welding and hot work are conducted in designated safe zones.

Hazardous Materials Handling:

- Inspect storage areas for hazardous materials, ensuring proper containment and labeling.
- Verify the use of appropriate Personal Protective Equipment (PPE) when handling hazardous materials.
- Check that Material Safety Data Sheets (MSDS) are readily available for all hazardous substances.
- Review spill response plans and procedures for hazardous materials incidents.
- Ensure proper disposal of hazardous waste according to regulations.

Heavy Equipment and Machinery Safety:

- Verify that operators of heavy equipment and machinery are qualified and trained.
- Inspect equipment and machinery for proper maintenance and operational safety features.
- Check that machine guarding is in place to prevent contact with moving parts.
- Ensure clear communication methods between equipment operators and ground personnel.
- Review procedures for safe equipment startup and shutdown.

Excavation and Trenching Safety:

- Inspect excavation sites for proper shoring and bracing.
- Verify that workers wear appropriate PPE while working in excavations.
- Check for the presence of ladders or safe access points for workers in trenches.
- Review confined space entry procedures for excavations.
- Ensure that excavation sites are barricaded to prevent unauthorized access.

Personal Protective Equipment (PPE) Compliance:

- Check that workers are wearing appropriate PPE based on their job tasks.
- Verify that PPE is well-maintained and free from defects or damage.
- Review training records to ensure workers are trained on the proper use of PPE.
- Ensure that visitors and contractors are provided with necessary PPE when on-site.
- Inspect the availability and proper use of respiratory protection, if applicable.

Emergency Preparedness:

- Verify the presence of a documented emergency response plan.
- Inspect emergency exits and evacuation routes for clear signage and accessibility.
- Ensure that all workers are familiar with emergency procedures and evacuation routes.
- Review the availability and functionality of emergency response equipment, such as first aid kits and AEDs.
- Conduct regular emergency drills to assess response readiness.