

Construction Industry Checklist

This checklist is provided to assist in identifying deficiencies or hazards within your business. Once you have identified deficiencies or hazards, a review of your accident prevention program should be completed. Additional written programs, workplace procedures, and / or training to reduce the potential of employee injuries and illnesses may be required. This checklist does not address all possible hazards within your business.

● Posting and Recordkeeping

- Workplace posters / emergency phone numbers displayed
- OSHA 300 completed (where required)
- OSHA 300A completed & posted (where required)

● Safety & Health Program

- Written safety program developed
- Employee safety training completed / records maintained

● Medical and First Aid

- Emergency medical services identified
- First aid kits readily accessible
- Eye wash / showers available (where necessary)
- Claim reporting procedures
- Return to Work program
- Bloodborne Pathogens program / training

● Fire Protection

- Fire extinguishers mounted & readily accessible
- Fire extinguishers inspected at least annually
- Fire alarm tested at least annually (where present)

● Personal Protective Equipment (PPE)

- Employees have been trained in PPE procedures
- PPE is maintained in sanitary condition
- Hazards identified in the workplace requiring PPE

● Work Environment

- Work areas clean, sanitary and orderly
- Wet surfaces covered with non-slip materials
- Walking surfaces in good condition
- Spilled materials cleaned up immediately

● Walkways

- Guardrails provided for elevated areas > 30"
- Adequate headroom provided in aisles
- Safe clearance for walking near equipment

● Floor and Wall Openings / Elevated Surfaces

- Floor openings protected or guarded on all sides
- Labeled covers secured over holes
- Signs posted showing elevated surface load capacity
- Canopy, screen or toeboard to prevent falling objects
- Pits not in use covered or protected

● Stairs and Stairways

- Handrails on all stairways of 4 or more risers
- Steps provided with a slip resistant surface

● Exiting or Egress / Exit Doors

- Exits marked with exit sign and properly illuminated
- Exits kept free from obstructions
- Sufficient exits to permit prompt emergency escape
- Inside door release on cold storage rooms

● Portable Ladders

- Inspect and maintain ladders in good condition
- Non-slip safety feet provided on each ladder

- Employees face ladder when ascending or descending with 3 points of contact
- Prohibit use of broken or damaged ladders
- Instruct not to use top step of stepladder as a step
- Extend ladder at least 3' above elevated surface
- Metal ladders not used near electrical conductors or equipment

● Personal Fall Arrest System (PFAS)

- PFAS used to prevent falls from heights above 6 feet
- Designed and installed by qualified person to maintain a safety factor of two
- Rigged such that employee cannot free fall more than 6' nor contact any lower level

● Scaffolding

- Erected under the supervision of competent person
- Guardrails provided on scaffolds more than 10' above ground
- Planking of sufficient stress grade or scaffold grade timber
- Defective scaffold parts immediately replaced or repaired
- Guardrails/toeboards installed on all open platform sides and ends

● Trenches & Excavations

- One call or utility company notified of intended digging
- Daily inspections made to determine possibility of cave-in and steps taken to protect employees
- Shoring/trench box/sloping sufficient to ensure against cave-ins

● Confined Spaces

- Internal atmosphere tested to oxygen level of not less than 19.5%
- Space ventilated to a safe level before employees enter
- Employees trained in the use of respirators
- Rescue equipment readily available for immediate use
- Written procedure covering entry under emergency conditions

● Hand / Portable Power Tools and Equipment

- Broken, damaged, bent tools removed / replaced
- Proper eye and face protection worn, as needed
- Safety guards provided on grinders, saws, etc.
- Power tools grounded or double insulated
- Full guards or screens provided on portable fans
- Ground fault circuit interrupters (GFCI) used

● Abrasive Wheel Equipment

- Work rest used and kept adjusted to 1/8 inch
- Side guards cover spindle, nut and flange
- Bench and pedestal grinders permanently mounted
- Goggles / face shields worn when grinding

● Machine Guarding

- Employees trained in safe methods of operation
- Machinery and equipment kept clean and maintained
- Shut-off switch within reach of operator's position
- Each machine provided with lock out for maintenance
- Belts, pulleys, chains and gears properly guarded
- Point of operation guarded or protection provided

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● Lockout / Tagout

- Machinery deenergized or disengaged and locked-out during cleaning, servicing, adjusting or set up operations
- Stored energy released or blocked before lock-out
- Employees provided individually keyed safety locks
- Employee exposed to the hazard is the only one to place or remove a safety lock

● Welding, Cutting & Brazing

- Only authorized and trained personnel use welding, cutting or brazing equipment
- "DANGER – NO SMOKING, MATCHES OR OPEN LIGHTS" properly posted
- Regulators removed and valve caps in place before moving cylinders
- Electrodes removed from arc welders when not in use
- Fire extinguishers available for immediate use
- Eye protection helmets, hand shields and goggles meet appropriate standards
- Employees exposed to the hazards of welding, cutting, or brazing protected with PPE and clothing
- Ventilation adequate in and where welding or cutting is performed

● Compressors & Compressed Air

- Compressors include pressure relief valves and gauges
- Safety devices on systems checked frequently
- Belt drive system totally enclosed
- Use of highly compressed air prohibited for cleaning
- PPE worn when using compressed air for cleaning
- Pressure reduced to < 10 psi for cleaning clothes

● Compressed Gas Cylinders

- Cylinders marked to clearly identify the gas
- Cylinders stored away from external heat sources
- Valve protectors placed on cylinders when not in use
- Valves closed before moving or when cylinder is empty
- Store oxygen and fuel gas cylinders separated by a minimum of 20' or by a noncombustible barrier at least 5' high

● Cranes & Material Hoists

- Use of equipment within 20' of electrical power line restricted
- Rated capacity, operating speed and instructions posted
- Machinery and rigging equipment inspected daily
- Fire extinguisher of at least 5BC provided
- Platforms and walkways provided with anti-skid surfaces
- Guardrails, hand holds and steps provide safe & easy access
- Use of kinked or twisted chains or rope slings prohibited
- Carrying suspended loads over people prohibited

● Industrial Trucks / Forklifts

- Only trained & certified personnel allowed to operate trucks
- Lift truck operating rules posted and enforced
- Each truck equipped with warning horn, whistle, gong or other device that can be clearly heard

● Spraying Operations

- Adequate ventilation before starting spray operations
- "NO SMOKING" signs posted in spray areas, paint rooms, paint booths and paint storage areas
- Approved respiratory equipment provided and used

● Concrete

- Protruding rebar covered or bent over where work is performed
- Nails removed or bent over stripped forms
- Gloves and eye protection worn during stripping operations

● Lasers

- Laser equipment operated only by employees trained/qualified
- Warning placards posted in areas of laser use
- Anti-laser eye protection provided to those potentially exposed

● Lighting

- At least 5 foot-candles of light provided for general construction
- Workshops/storerooms provided at least 10 foot-candles of light
- Light guards provide where there is possibility of breakage

● Environmental Controls

- Water provided for drinking, washing and cooking
- Water not suitable for drinking clearly identified
- Physical capabilities assessed prior to assigning jobs requiring heavy work
- Employees instructed in lifting of heavy objects
- Heat illness training provided where required
- Reflectorized warning vests worn when working on or near streets and roadways

● Flammable and Combustible Liquids

- Approved containers / tanks used for storage
- Flammable liquids kept in closed containers
- Safety cans used at point of use

● Hazard Communications

- Hazardous substances identified that may cause harm by inhalation, ingestion, skin absorption or contact
- Written hazard communication program developed
- Safety Data Sheets (SDS) readily available
- Employee training completed & documented
- Employees made aware of hazards when working with harmful agents

● Electrical

- Extension cords have grounding conductor
- Multiple plug adapters prohibited
- Frayed or deteriorated wiring / cords repaired or replaced
- Unused openings in electrical enclosures closed with appropriate covers, plugs or plates

● Noise

- Engineering or administrative controls used to reduce employee exposure to noise
- Hearing protectors and a hearing conservation program implemented for noise levels above 90 dBA
- Use of hearing protection equipment enforced
- Equipment fitted and maintained in clean/ sanitary condition

● Material Handling

- Trucks and trailers secured during loading / unloading
- Dock plates and loading ramps of sufficient strength to support loads
- Safe clearance for equipment through aisles / doorways

● Transporting Employees and Materials

- Employees who operate vehicles have valid operator's license
- Pre or post trip inspections completed by operators
- Seat belts required for operators and passengers
- Use of cell phones and other devices prohibited

● Carbon Monoxide

- Salamanders and fire pots vented to the outside
- Carbon monoxide levels checked regularly
- Natural/ mechanical ventilation removes carbon monoxide gases

● Silica

- Adequate exhaust provided to remove work area silica dust particles
- Respirators provided to employees who may be exposed to silica dust