

Safety Inspection Guide

Work Practices & PPE

- Safe Position maintained with respect to moving or suspended loads.
- Safe position maintained with respect to moving equipment.
- Three-point contact used to step down from equipment or elevated surface.
- Warning signs and safety instructions followed.
- Proper personal lifting techniques used.
- Hard hats worn in designated areas.
- Adequate eye and face protection utilized when required (e.g. glasses and shield when grinding).
- Adequate safety footwear utilized and in good condition.
- Adequate hearing protection utilized when noise exceeds 85 dBA.
- Fire retardant clothing utilized when required by legislation, policy or hazard assessment.
- Adequate respiratory protection utilized when required by legislation, policy or hazard assessment.
- Hand protection appropriate to hazards utilized.
- Personal protective equipment available, inspected, clean and utilized properly.
- Workers trained in the use, care and limitations of their PPE.
- No loose clothing being worn.
- High visibility vests worn by all people on the ground.

Crushing /Washing Equipment

- Conveyor guards adequate, in place and secured when plant operating.
- Travel areas under conveyors are adequately protected and identified.
- Conveyors lowered or adequate work platforms provided for repair and maintenance.
- Jaw and cone crusher components adequately secured against movement and or start-up when workers performing inspection, maintenance or repair.
- Emergency shutdown system in operation and tested as per legislation or policy.
- Startup warning system adequate and tested.
- Mobile equipment operating areas identified and warning signage posted.
- Feeder ramp lockout system utilized when required.
- Access points for running inspection, service, and repair adequately guarded and adequate procedures are in place.
- All electrical systems adequately grounded.
- Rotating equipment guarding meets standards.
- Water safety training, rescue plans and rescue equipment is in place for work near ponds. N/A
- Adequate electrical safety systems are in place for wash plants.
- Electrical cords are adequately protected and do not impede worker travel areas.

- Hazardous areas (e.g. off-side of grizzly, open end of cross conveyor, etc.) are identified and area secured against access when operating.

Working at Heights

- Fall hazards have been identified and assessed. A fall protection plan has been developed that meets legislation or applicable standards.
- Where fall arrest equipment is required, adequate anchor points are provided.
- Adequate guardrails and/or handrails meeting standards are provided where feasible.
- Access ladders meet standards.
- Portable ladders are utilized appropriately as per standards.
- Non-conductive ladder used near electrical equipment. N/A
- Personal fall arrest equipment inspection program in place and utilized.

Hazard Control

- General hazard assessment completed for the work and high hazard jobs are identified.
- JSA completed for high hazard jobs.
- Guideline, procedure, code of practice or safe work plan developed and available for high hazard jobs.
- Workers informed and trained appropriately in the above information.
- Field Level Hazard Assessment process effectively utilized.
- Lockout procedures meet legislation and Company policy.
- All energy sources identified, isolated, locked out and tested prior to work being done.
- All workers issued personal lockout locks.
- Hazardous areas and work activities identified and isolated or guarded (e.g. grinding debris, pressure release, rotating equipment, grizzly dump area, etc.).
- Overhead power lines identified and limits of approach maintained. N/A
- Warning signs, safety labels and instructions present as required and legible.
- Confined spaces identified, have adequate warning signage and are secured. N/A
- Adequate Confined Space Entry program and permit system in place and utilized. N/A
- Underground utilities identified and ground disturbance procedures followed prior to excavations.
- Work permit standards followed. N/A
- Sub-Contractors are adequately oriented and supervised while on site. N/A
- No D handle shovels on site excepting Track shovels.

- Plant start-up inspections conducted after each move and start-up delayed until all safety items are complete (e.g. guarding).

Material Handling and Storage

- Hazardous chemicals in proper containers and labeled.
- WHMIS and TDG legislation adhered to.
- Spill containment in place. N/A
- Grounding and bonding used for fuel tanks and delivery systems. N/A
- Lay down areas neat and orderly and Materials stacked securely.
- Gas cylinders stored upright, secured, capped and fuel gas cylinders stored 20 ft. from oxygen cylinders.

Excavations N/A

- Excavation in excess of 4 feet deep adequately sloped or shored
- Spoil pile and equipment adequately located away from excavation wall.
- Underground utilities identified, hand exposed and ground disturbance procedure followed.
- Digging face appropriate for the machinery.
- Digging face clear of overhangs.
- Appropriate access / egress provided for workers.
- Excavations identified with adequate warning signs and barricades.
- Excavations kept clear of water.

Workplace Conditions

- Foot traffic areas, stairs and exits free of obstructions and tripping hazards.
- Lighting levels are adequate.
- Tool rooms are clean and orderly.
- Washrooms, lunchrooms and change rooms are provided, clean and orderly.
- Adequate fresh drinking water is provided.
- Housekeeping meets standards.
- Roads and traffic signs in place maintained and adhered to.
- Fuel tanks have a bonded fuel delivery hose in good condition.
- Exits marked and kept clear.

Fire Protection

- Fire Extinguishers inspected and inspection documented.
- Fire Extinguishers of adequate size for the hazards, accessible, properly mounted adequate number available and locations identified.
- Flammables stored away from heat or ignition sources.
- Flash back arrestors and backflow preventers on oxy-acetylene sets meets standard.
- Workers trained in fire safety and use of portable extinguishers.
- Quantities of flammables and combustibles controlled and properly stored.

Tools and Guarding

- Tools appropriate for tasks and used correctly.

- Manufacturer's guards on power tools.
- Tools and equipment in good condition and stored properly.
- Defective tools and equipment removed from service, secured and repaired or replaced.
- Power cords grounded and GFCIs used.
- Power tool attachments do not exceed RPM rating.
- Air-hose coupling adequately secured. N/A
- Tool rests on bench grinders properly adjusted. N/A

Rigging and Hoisting

- Chains, cables, and slings in good condition.
- All rigging certified and labeled with SWL.
- Rigging practices meet standards.
- Approved safety latch on all lifting hooks.
- Tag lines used when required.
- Designated signal person using adequate communication when hoisting.
- Areas under suspended load travel secured against incidental access.
- Equipment and rigging used within the Manufacturer's SWL.
- Weights of loads being lifted are known.
- An adequate inspection and certification program is in place and utilized.

Vehicles and Mobile Equipment

- First-aid kits, fire extinguishers, and other vehicle safety equipment inspected.
- Defensive driving and parking practices observed.
- Seat belts use meets standards.
- Back-up alarm audible (if applicable).
- Equipment log books current.
- Spotters used when required.
- Equipment operators are competent.
- Vehicle operators are competent and driving records are reviewed as per policy.
- Personnel understand distracted driver restrictions and meet standards.

Emergency Response

- Emergency response assessment has been conducted for the site.
- Site-specific emergency procedures and plans have been developed, tested and are understood by workers.
- Mock drills have been conducted and emergency notification and response communication systems have been verified.
- Evacuation procedures and plans meet standards.
- Adequate number of first aid attendants on site with appropriate qualifications.
- Eye wash, first aid kits and other required emergency response equipment inspected and meet standards.

Safety Management

- Safety meetings are conducted as per policy.
- FLHA meetings and documentation meets standards.
- Safety Regulations and Loss Prevention Manual on site.
- Incident are reported, investigation results and corrective action are recorded.

- Worker general orientation and site-specific orientation is current.
- Worker training is appropriate for duties and meets standards.
- Worker competency evaluations are current.
- Disciplinary action recorded.
- Prohibited substances program in place and applied.
- A site or project-specific hazard assessment has been completed.
- Task hazard analysis has been completed for high-hazard jobs.

