

HAZARD HUNT SAFETY STAND DOWN

During your Safety Stand Down assign project members to search for hazards on the job site. Use the following questions regarding site hazards and controls to help guide your Hazard Hunt. Based on the scope of the work and site conditions, other hazards and controls may have to be considered and evaluated.

Housekeeping and Sanitation

- Is the general appearance of the site or work area neat and orderly?
- Is trash and debris allowed to accumulate?
- Are walkways clear?
- Are materials and equipment properly stored?
- Is reinforcing steel proper capped to prevent impalement?
- Are cords and hoses routed overhead or properly covered to prevent trip hazards and damage?
- Is eating only allowed in designated areas?
- Are refrigerators being used for food and chemicals?
- Are drinking water containers properly labeled, sealed, and kept free from contaminants?

Fall Protection and Prevention

- Are safety harnesses equipped with shock absorbing double-lanyards?
- Are vertical and horizontal lifelines, perimeter guarding, and handrails properly installed?
- Are floor and wall openings protected?
- Are hole covers securely in place and labeled?
- Is the 100% fall protection policy clearly stated and enforced?
- Have affected workers been trained in the proper use, inspection, and care of fall protection equipment?
- Do qualified persons supervise the installation of fall arrest systems?
- Are anchorage points adequate?
- Are personnel protected from falls when working at or above 6 feet?
- Have the fall hazards been adequately identified?

Scaffolds, Ladders, and Stairways

- Are scaffolds erected and maintained by trained and qualified scaffold erectors?
- Are they inspected and tagged by a competent person?
- Have the workers using the scaffold been trained in scaffold user training?
- Are the scaffolds erected complete with appropriate scaffold boards, toe boards, diagonal bracing, and footing?
- Are all the pins in place?
- Are the wheels locked or blocked?
- Are the scaffold boards of the proper material and installed properly?
- Are portable ladders tied off or held while in use?
- Are ladders properly inspected, used, and stored?
- Are stairs with handrails in appropriate locations?
- Are stairways well lighted?
- Are people observed using stairs in a safe manner?
- Do fixed ladders meet appropriate standards?

Personal Protective Equipment (PPE)

- Does the site have a PPE policy?
- Is the policy understood by management and workers?
- Is PPE used in accordance with the policy?
- Is a written respiratory protection program required? Is it followed? Are specific chemical hazards identified & appropriate respiratory protection specified?
- Is high visibility clothing used when appropriate?
- Are designated PPE areas adequately marked?
- Are project-level hazard assessments performed to determine PPE requirements?
- Are PPE requirements identified on pre-task plans?
- Are personnel trained on the proper use and care of PPE?
- Is PPE available?

Excavations and Trenching

- Are excavations sloped or shored properly?
- Are access/egress ladders located appropriately and secured?
- Are excavations properly barricaded or guarded?
- Are inspections by a competent person documented?

Is equipment operated near excavations?
Are underground utility clearance procedures performed prior to excavating?
Is atmospheric testing performed in excavations or trenches where there is a potential for oxygen deficiency or a hazardous atmosphere?
Is soil type properly identified? How was it identified?
Is the spoil material placed properly?
Are trench and excavation crossings present? How were they verified?

Hoisting/Rigging Equipment and Cranes

Are workers trained in proper rigging, flagging, and hoisting procedures?
Are loads properly rigged?
Is lifting equipment including chokers, slings, chain falls, come-alongs, etc. in good condition, properly inspected, and maintained?
Are tag lines used appropriately?
Are load hooks, latches, and other rigging hardware in good condition, and properly used?
Do cranes have anti-two block devices?
Are axle lockouts inspected on mobile cranes?
Are crane inspection and certification records current?
Are outrigger pads adequate and properly used?
Have overhead power lines and other adjacent hazards been surveyed and identified?
Are cables and/or hydraulics in good condition and properly maintained?
Are standard hand signals posted?
Are crane inspections current?

Motor Vehicles and Mobile Equipment

Are inspections and certifications current?
Are the vehicles and equipment in good conditions? (no broken windshields, mirrors, or lights, etc.)
Do brakes, back-up alarms, and horns work properly?
Are all drivers and operators licenses current?
Are photocopies of licenses maintained in the site file?
Have motor vehicle operators completed defensive driving training?
Are mobile equipment operators identified on the competent person list?
Are aerial lift and scissor lift operators trained on the model(s) lift being operated?
Are labels and controls properly labeled?
Are forklift operators trained on the model(s) being operated?
Are forklifts inspected daily before use and are the inspection results documented?
Are seat belts in use in vehicles and mobile equipment?
Are cell phones being used by personnel operating vehicles or mobile equipment?

Tools and Equipment

Are the tools appropriate for the task?
Are tools being used for their intended use?
Are hand tools in good condition? Do handles, striking and cutting surfaces, etc. show signs of abuse?
Are guards in place and in good condition?
Are hydraulic or pneumatic components including hoses and connectors in good condition?
Are damaged tools taken out of service and properly tagged or disposed of?
Are tires, hose connections, welding leads, etc. in good condition?
Are belt guards, fan blade guards, shaft guards and other guards in place?
Are grinder wheels appropriate for the grinder RPM?
Are powder activated tools used properly? Are personnel trained?

Fire Prevention

Are oxidizers, flammables, and combustibles properly stored?
Are fire extinguishers properly located?
Are fire extinguishers properly inspected and maintained?
Are oxy-fuel rigs properly set up and stored? Are the hoses appropriate? Are flashback arrestors installed at the torch?
Are cylinders properly secured?
Are cylinder gauges removed and caps put in place when not in use?
Are flammable and combustible wastes properly handled?
Are flammable storage cabinets properly utilized?
Are safety cans used for storing and dispensing gasoline?
Are outside storage tanks properly located and installed?

Manual Materials Handling and Ergonomics

Is effective material handling training and supervision in place?

Are personnel at risk for repetitive motion injuries or strains and sprains? Have the tasks been evaluated from an ergonomic standpoint?

Are the appropriate lifting devices and accessories available and properly used?

Are personnel using proper body position when lifting, reaching, or overstepping?

Are personnel lifting more than 50 pounds alone?

Are there any hazards associated with overhead work or material handling overhead?

Are objects carried up/down stairs? Are alternate means available?

Are personnel involved in complex lifting and placing operations? Have ergonomic assessments been performed?

Electrical

All electrical components properly covered and protected?

Are temporary cords in good condition or properly repaired?

Are Ground Fault Circuit Interrupter (GFCI) devices or similar devices installed on temporary circuits?

Are routine inspections conducted for circuit grounding?

Are appropriate electrical devices used in hazardous locations?

Does the site have a lockout program? Is it properly used?

Are breakers properly marked and labeled?

Have designated electrical workers (electricians and others designated as being qualified to work on or near energized parts) been trained and is the training current?

Have arc flash hazards been identified and is the proper protective equipment available?

Are proper clearance distances maintained?

Health Hazards and Hazardous Chemicals

Have chemical and biological hazards been identified and evaluated?

Is the location of hazardous chemical information (MSDS or equivalent) identified during worker orientation?

Are the chemical information sheets (MSDS) shared on multiemployer worksites?

Does each chemical have an information sheet?

Are hazardous materials properly stored and labeled?

Is specific training on each hazardous chemical or class of chemical provided?

Does the training address accessing the chemical hazard information when developing SPAs for tasks involving chemical hazards?

Are eyewash and shower units in the appropriate locations?

Are employees working around any regulated hazardous materials (asbestos, lead, benzene etc.)? If so, are the specific HSEPs & regulations followed? Is personal exposure monitoring conducted for the materials?

Are high health hazard tasks performed? If so, are controls in place (refer to HSEP 12.1 Section 4.5)?

Are there high noise work areas (>85 dBA)? If so, have noise surveys or dosimetry been conducted? Is hearing protection specified?

Are the appropriate precautions being taken for working in hot or cold environments?

Welding, Cutting, and Grinding

Has a hot work permit been obtained?

Is a fire extinguisher nearby?

Are personnel exposed to smoke and/or fumes? Are appropriate controls in place?

Are personnel protected from sparks and heat?

Are welding blankets and shields being used?

Are welding machines properly grounded?

Is appropriate PPE being worn?

Are gas cylinders properly stored when not in use?

Are welding cables and connectors in good condition?

Are portable grinders in good condition, guards in place, and wheels appropriate for grinder?

Is exposure monitoring conducted for toxic metals (e.g., hexavalent chromium, cadmium, lead)?

Pressure Systems

Are hoses in good condition? Are the ends restrained where appropriate?

Are relief devices in appropriate places and inspected periodically?

Are relief device and vent outlets oriented away from personnel?

Are boiler inspections current?

Are gauges and other indicators functional?
Does the system show signs of wear and corrosion?
Are gas cylinders stored properly?
Is rotating equipment properly guarded?
Are chemical hazards recognized?
Is there evidence of leaks?

Shop Tools and Equipment

Are bench grinder guards and rests set properly?
Are guards in place and in good condition on saws and other power tools?
Are tools equipped with anti-restart devices?
Are bits and blades in good condition?
Are floors kept clear of shavings and chips?
Are toxic materials machined (beryllium, lead, asbestos containing materials, etc.)?
Are push blocks used to feed stock where appropriate?
Are lathe work practices safe? What techniques are used to safely polish round stock?
Are chemical hazards in the shop recognized?

Environmental

Have potential environmental risks been identified & evaluated on the site?
Do employees involved in working with materials that may damage the environment understand the requirements and their responsibilities?
Is a recycling program in place?
Have the appropriate permits been obtained for air emissions, noise, water effluent, storm water, soil erosion, wetlands, underground storage, hazardous substance, waste management, etc.?
Does the emergency response plan address chemical spills?
Have hazardous wastes been identified?
Is spill containment in place around tanks and drums?
Are the proper permits in place? (e.g., is the permit for the lay-down yard in compliance?)
Are containers properly labeled?