

Central Plateau Cleanup Company
SAFETY AND HEALTH INSPECTION CHECKLIST INSTRUCTIONS

General Instructions

1. **Contractor(s) Observed During the Inspection:** List the contractor observed during the inspection. Add additional contractors if more than one contractor was observed.
2. **Project:** List the applicable project that the work was being performed under (*Inner Area End States - East, Inner Area End States - West, Outer Area End States - 100K, Outer Area End States - 300 Area, Project Delivery, Soil & Groundwater Operations, or Waste Projects & Operations*)
3. **Responsible FWS/Manager:** List the name of the Field Work Supervisor or Manager responsible for the work activity observed.
4. **Inspection Performed By:** List the name of the person leading the inspection.
5. **Date of Inspection:** List the date the inspection was conducted.
6. **Time of Inspection:** List the approximate time the inspection started.
7. **Work Package/Procedure Number:** List the number of the work package or procedure number of the activity observed if applicable.
8. **Location/Facility of Inspection:** Add the general location or facility name/number.
9. **Brief Description of Work Activity:** Provide a brief description of the work activity.
- 10-56. Check **Sat** if conditions/behaviors observed were satisfactory, check **Unsat** if conditions/behaviors observed were unsatisfactory, and check **N/A** if the question in subject was not observed.
57. **Describe all unsatisfactory items observed any corrective actions taken:** Describe all unsatisfactory items observed and any corrective actions taken. List the category number and name prior to describing each unsatisfactory item and any corrective actions taken For example:
 - 10. Confined Space - The confined space attendant was not maintaining the Hanford Confined Space Entry Log of who was inside the confined space. The FWS was notified, and the attendant was coached on responsibility of maintaining an accurate entry log roster.
 - 13. Excavations - Spoil piles were observed closer than two feet from the excavation edge. The FWS was notified, and the operator used an excavator to push the spoil piles back.
 - 21. Ladders - An employee was observed using a step ladder that had an expired inspection sticker on it. The employee was coached on proper pre-use inspection requirements and FWS contacted a competent person to perform the annual portable ladder inspection.
 - 37. Compressed Gasses - An oxygen cylinder was discovered without a safety chain around it to prevent it from tipping over. The chain on the cylinder rack was wrapped around the cylinder and the FWS notified of the unsafe condition to correct the the issue on the spot.
 - 43. Noise - Employees were not wearing hearing protections while operating a compactor. The employees were coached on proper PPE use to correct the issue on the spot.
58. **Describe satisfactory items observed (optional)**
59. **General Comments (optional)**

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The following section may be used as a resource to help guide inspections of common items that should be verified for each topical hazard category. These example questions are meant to be used as a resource and are not inclusive of all potential issues that may be observed during an inspection.

10.	Confined Space DOE-0360	<ul style="list-style-type: none"> • A valid Hanford Confined Space Hazard Identification Form (A-6005-724) is completed prior to entering a confined space. • A valid Hanford Confined Space Entry Permit (A-6005-717) is used for all Permit Required, Alternate Entry, or Downgrade entries. • All confined spaces that are accessible without a key or special tool posted as a confined space. • The Hanford Confined Space Entry Log (A-6005-719) is maintained appropriately for all permit required confined spaces? • Gas bottles (<i>not including SCBA or Escape Bottles</i>) and welding machines kept outside of the confined space.
11.	Electrical DOE-0359	<ul style="list-style-type: none"> • Insulated tools and equipment are used inside the Restricted Approach Boundary. • Portable ladders have nonconductive side rails when used within the Limited Approach Boundary. • Personnel working within the Arc Flash Boundary are wearing all required PPE. • Electrical cords are in good condition such as no exposed wiring or missing ground prongs. • Power strips are not daisy chained or plugged into extension cords. • Portable electric equipment used in highly conductive work locations (<i>such as those inundated with water or other conductive liquids</i>) or in job locations where employees are likely to contact water or conductive liquids shall be listed and labeled for those applications, and GFCI protection is used. • Electrical outlet covers are in good condition and secured in place.
12.	Elevating Work Platforms CPCC-PRO-SH-52718	<ul style="list-style-type: none"> • Personnel are not standing on toe-boards or guardrails of the basket. • Personnel maintain 100% tie off at all times when using boom supported elevating platforms. • Personnel are tied off to the designated anchor points provided by the manufacture. • Personnel are not leaning over or extending the upper body beyond the guardrail system. • A valid Fall Protection Work Permit is utilized when exiting/entering an elevated work platform at heights. • A copy of the manufactures operating manual is kept in a weather-resistant compartment on the equipment.
13.	Excavation DOE-0344	<ul style="list-style-type: none"> • Daily excavation inspection have been performed by a competent person when employee exposure can be reasonably anticipated. • Ground/locate markings for underground utilities are visible. • Spoils, materials, and equipment are set back a minimum of 2 feet from the excavation edge. • In excavations that are 4 feet or more in depth, personnel egress method(s) have been installed no more than 25 feet of lateral travel for employees. • Where installed, personnel egress ladders extend at least 36" above the excavation edge. • Barriers and signs are placed around excavations. • A Fall Protection Work permit is in place for excavations steeper than 1.5/1 slope with a depth of 6 feet or more. • For excavations 6 feet or more depth, surface crossing walkways and bridges are equipped with guard rails. • Surface crossing walkways meet the requirements of DOE-0344 (<i>e.g., be at least 20" wide, extend a minimum of 24" beyond the excavation edge, secured from displacement, and have maximum capacity posted</i>). • Excavations 5 feet or more in depth utilize a protective system (<i>sloping, shielding, or shoring</i>). • Excavations that use sloping as a protective system method maintain a slope of 1.5 (<i>Horizontal</i>) to 1 (<i>Vertical</i>) (<i>34°</i>). • Shields (trench boxes) are installed in a manner that restricts lateral or other hazardous movement of the shield. • Employee access points for entry/exit into shields are protected from cave-in hazards.

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14. Fall Protection DOE-0346	<ul style="list-style-type: none"> • A valid Fall Protection Work Permit (FPWP) is in place when required by DOE-0346. • All employees working at heights signed the FPWP when required. • The top rail of guardrail systems designed from wire rope is flagged every 6 feet with high-visibility material. • All horizontal gaps or opening between guardrails and adjacent structure(s) do not exceed 18 inches. • Personal fall arrest/restraint equipment (<i>i.e., harness, lanyards, etc.</i>) have been inspected by a competent person within 6 months. • Fall protection harnesses are fitted and worn correctly. • All temporary hole covers are marked "HOLE" or "COVER".
15. Falling Objects DOE-0346	<ul style="list-style-type: none"> • Employees exposed to falling objects are wearing hard hats. • Areas where there is a potential for falling objects have a barrier installed to people clear of the area. • All holes 2 inches or greater on walking-working surfaces are covered or protected by a guardrail and toe-board to protect employees working below from falling objects. • Paneling or screening is used on platforms where tools, equipment, or materials are piled higher than the toe-board.
16. Fire Protection	<ul style="list-style-type: none"> • All fire extinguishers are in good condition and have a monthly inspection documented. • All flammable liquids are stored in a flammable storage cabinet. • There is adequate clearance around fire sprinkler deflectors (<i>at least 18 inches</i>).
17. First Aid/AED CPCC-PRO-SH-10648	<ul style="list-style-type: none"> • First Aid kits and AED's available and ready for use. • Employees know where the first aid kit and AED's are located in their work area.
18. Hand/Power Tools	<ul style="list-style-type: none"> • All damaged/defective tools have been removed from service. • All guards and handles are in place during use. • Power tools are not hoisted, stored, or carried by attached hoses or cords. • Power tools are disconnecte4d from their energy source when repairs, maintenance, or attachment changes are being performed. • Appropriate PPE that is required such as safety glasses or face shields are utilized as required. • Employees hands and other body parts are not in the line of fire.
19. Heavy Equipment	<ul style="list-style-type: none"> • All equipment parked on inclines have wheels chocked and parking brake set. • Spotters are utilized when operators have limited visibility. • Operator and signal person use a good form of communication such as effective hand signals or radios. • Equipment have backup alarms that can be heard by all nearby workers. • All heavy equipment have a rollover protective structure. • Operators wear seatbelts during operation. • Heavy equipment is maintained in a good condition. • Nearby employees are kept clear of moving/rotating equipment to prevent struck-by incidents.
20. Hoisting & Rigging DOE-RL-92-36	<ul style="list-style-type: none"> • All rigging equipment is in good condition and have up-to-date inspections and load test tags. • A pre-use inspection is performed on all rigging equipment before use. • Rigging from a powered industrial truck uses an approved lifting attachment and does not use free rigging (<i>direct attachment of slings, shackles, etc. to forklift tines</i>). • Employees do not work under suspended loads. • Riggers keep body and hands clear of pinch points. • Effective communication is used between the operator and designated signaler. • Slings are protected from sharp edges.
21. Housekeeping	<ul style="list-style-type: none"> • Trash and debris are picked up to maintain a clean work area. • Trash receptacles are emptied as needed and are not overflowing. • Sharp objects are protected or wrapped prior to disposal in trash receptacles to prevent injury while handling waste.

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22.	Ladders CPCCC-STD-SH-40314	<ul style="list-style-type: none"> • All manufactured portable ladders meet the applicable requirements from ANSI A14 series and bear a label to validate such conformance. • Job-made ladders are constructed to confirm to the design specifications of ANSI A14.4, Job-Made Ladders. • The duty rating of the portable ladder (<i>weight capacity</i>) is not exceeded. • Portable ladders have a legible Competent Person Ladder Inspection sticker visible verifying that the competent person inspection was performed within the past 12 months. • Portable step ladders are used in the fully open position with the locking braces set. • Portable extension ladders are installed at an angle of 4:1 ratio, secured from displacement, and side rails extend at least 3 feet above the upper landing surface when used to access an upper elevation. • Fixed ladders meet the fixed ladder design requirements in CPCCC-STD-SH-40314. • Employees using fixed ladders over 24 feet (<i>working from or access</i>) shall require fall protection and a FPWP. Ladders installed before November 19, 2018 may use a ladder cage as the method of fall protection. • Doors are secured in an open position, locked, attended, or barricaded prior to placing a ladder next to a doorway. • Ladders are used on firm level surfaces.
23.	Lockout/Tagout DOE-0336	<ul style="list-style-type: none"> • Personnel performing and/or signing for Safe Condition Checks must be qualified as an Authorized Worker (AW), at a minimum. • Field Work Supervisor (FWS) who oversee work activities requiring LOTO shall be qualified as an AW, at a minimum. • All AW locks shall be green, uniquely keyed, and used with a Danger Tag. • All Controlling Organization (CO) locks shall be red, uniquely keyed, be used with a Danger Do Not Operate (DDNO) tag, and have one key controlled by the CO. • Green and Red locks shall not be used for any other applications. • All information on a AW tag shall be complete and legible. • LOTO is installed on the energy source(s) prior to working on rotating equipment. • Safe-to-Work Checks are performed prior to starting work, at the start of each shift, or configuration changes.
24.	Machine Guarding	<ul style="list-style-type: none"> • Guards are provided for equipment with exposed rotating/moving parts such as belts, gears, fan blades, etc.
25.	Material Storage	<ul style="list-style-type: none"> • Materials are stored in a secure manner to prevent tipping or shifting. • The weight of stored materials on floors within buildings and structures shall not exceed maximum safe load limits. • Noncompatible materials are separated in storage. • Used lumber shall have nails/screws removed prior to stacking.
26.	Means of Egress	<ul style="list-style-type: none"> • Exits are marked by a readily visible sign. • Access to exits shall be marked by readily visible signs in all cases where the exit or way to reach it is not immediately visible to the occupants. • Means of egress is maintained free of obstructions to allow safe egress in case of fire or other emergency.
27.	Overhead Utilities DOE-0359	<ul style="list-style-type: none"> • EU or the utility owner has been contacted prior to moving cranes or equipment that have the potential to be within 20 feet of overhead electrical lines. • Equipment and cranes are operated to avoid contact with communication lines. • Operation of a crane boom and/or load above energized overhead lines is prohibited. • Appropriate mandatory and secondary barrier controls are implemented as required by DOE-0359.

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<p>28. Personal Protective Equipment CPCC-STD-SH-40518</p>	<ul style="list-style-type: none"> • All PPE is worn in accordance with the hazard analysis (<i>JHA, GHA, and/or CHA</i>). • Hard hats are worn in areas where there is a potential danger of head injury due to the hazards of falling or flying objects, or electrical shock or burns. • Cut resistant gloves are worn when exposed to sharp objects. • Employees working near roadway-traffic work zones or around heavy equipment shall wear high visibility garments as required by the hazard analysis. • Safety glasses (marked ANSI/ISEA Z87.1) are worn when exposed to flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation. • Face shields are utilized during grinding operations. • Protective footwear is worn when exposed to foot injuries due to falling or rolling objects, objects piercing the sole, or when exposed to electrical hazards. • Arc-rated clothing is worn during work activities that have the potential to expose workers to an arc flash.
<p>29. Scaffolding HMIS-PRO-SP-095</p>	<ul style="list-style-type: none"> • Scaffolds are protected from exposure to motorized equipment/vehicles. • Scaffold components are free from visible damage or defects. • A red status scaffold tag is affixed to scaffolds that are being erected (as soon as practical), altered, or dismantled. • Scaffolds have a daily inspection completed and documented on the scaffold inspection tag prior to use. • If fall protection is provided by the structure on which the work is performed (<i>e.g., building or wall</i>), no more than 14" between the scaffold platform and the structure is allowed. • Scaffold erectors/dismantlers are protected from falls (<i>e.g., guardrails, personal fall arrest systems, etc.</i>) when exposed to falls greater than 10 feet. • Scaffold wheels on mobile scaffolds are locked at all times during use. • Scaffold users utilize the approved access means to ascend/descend scaffolds (<i>e.g., stairs, attached ladders, or specifically designed end frame</i>). • Scaffolds are not overloaded with people or equipment.
<p>30. Signs, Tags, & Barriers CPCC-PRO-SH-40445</p>	<ul style="list-style-type: none"> • All barriers/barricades are posted with signs around identified hazards or areas that require PPE for entry. • Barricades and signs are maintained and designed to withstand the elements (<i>i.e., wind and weather</i>). • The Safety Alert Symbol (<i>exclamation mark inside of a triangle</i>) on signs is only used for alerting employees of a potential personal injury hazard, and not used for property-damage-only-accidents. • The signal word on all signs is readable at a minimum distance of 5 feet or greater.
<p>31. Slips, Trips, & Falls</p>	<ul style="list-style-type: none"> • Cords and hoses are kept clear of walking paths or raised/covered. • Personnel are warned of wet/slick floors indoors. • Ice melt is utilized on walking paths and stairs during icy conditions. • All spills are cleaned up or barricaded. • Isles and passageways are clear of materials that could create a trip hazard.
<p>32. Vehicles CPCC-POL-SH-54212</p>	<ul style="list-style-type: none"> • All drivers and occupants use seatbelts. • Drivers do not use cell phones while operating a vehicle. • Drivers perform a 360-degree inspection of the vehicle and surrounding area prior to use. • Drivers obey posted speed limits and drive responsibly.
<p>33. Other Industrial Safety</p>	<ul style="list-style-type: none"> • List any other items that are not applicable to one of the other categories.
<p>34. Asbestos CPCC-STD-SH-52894</p>	<ul style="list-style-type: none"> • Control sets (<i>Engineering, Admin and PPE/RPE</i>) are being used as specified by the Work Document. • Regulated Area (<i>when required</i>) is defined and posted. • All ACM and PACM waste bags and HEPA vacuums are labeled with the following language: "Danger Contains Asbestos Fibers May Cause Cancer Causes Damage to Lungs Do Not Breathe Dust Avoid Creating Dust"
<p>35. Biological</p>	<ul style="list-style-type: none"> • Dead animals and feces are cleaned up using safe biological work practices.

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36. Chemical Use CPCC-PRO-SH-40410	<ul style="list-style-type: none"> • Secondary containers have a complete/accurate Globally Harmonized System (GHS) compliant Secondary Container Label affixed to the container (<i>unless the chemical will be used up during that shift and is in control or secured by the user if they must leave the work area</i>). • Employees wear all PPE as required. • Chemicals are stored correctly and segregated by hazard type. • Material Safety Data Sheets (MSDS)/Safety Data Sheets (SDS) are available for use.
37. Cold Stress	<ul style="list-style-type: none"> • Warm up areas are available during cold weather work activities. • Employees have appropriate layers available to wear when performing work during cold weather. • Employees are kept dry during cold weather.
38. Compressed Gasses CPCC-PRO-SH-40481	<ul style="list-style-type: none"> • Cylinder valve protection caps are in place, except when the cylinder is secured and connected to the dispensing equipment for use. • Cylinders are not lifted using the valve protective caps. • Cylinders are free of damage (<i>dents, bulges, cracks, evidence of excess heat, etc.</i>). • All connecting devices are free of oil, grease, or other contaminants prior to use. • All cylinders are secured to prevent falling or tipping. • Compressed gas cylinders are stored and posted according to their hazard class (flammable, asphyxiant, etc.) or name of gas to be stored. • A distance of 20 feet between flammable gas containers and oxidizers is maintained or a noncombustible barrier at least 5 feet high having a fire resistance rating of at least one-half hour is used to separate flammable gas containers and oxidizers. • "NO SMOKING" signs are posted at all flammable gas storage areas.
39. Ergonomics CPCC-PRO-SH-40463	<ul style="list-style-type: none"> • Mechanical lifting devices is used for moving heavy objects when possible. • Proper lifting techniques are used when lifting materials (<i>avoid bending at the waist, keep loads close to the body, lift with legs, avoid twisting, etc.</i>). • Job tasks are designed to minimize repetitive movements.
40. Heat Stress CPCC-PRO-SH-121	<ul style="list-style-type: none"> • Work/Rest schedules are communicated as required by the hazard assessment and implemented in the field. • Water is readily available to ensure employees stay well hydrated. • Cool down locations are available for use when heat stress conditions apply.
41. Lighting	<ul style="list-style-type: none"> • Sufficient lighting is provided in work areas during low light conditions.
42. Monitoring/Sampling CPCC-PRO-SH-409	<ul style="list-style-type: none"> • All monitoring/sampling is conducted in accordance with the Industrial Hygiene Sample Plan (IHSP) or Industrial Hygiene Work Permit (IHWP).
43. Noise CPCC-PRO-SH-40479	<ul style="list-style-type: none"> • Hearing protection is used as required by the Job Hazard Analysis. • Hearing protection is worn correctly.
44. Respiratory Protection DOE-0352	<ul style="list-style-type: none"> • Users inspect their Respiratory Protection Equipment (RPE) prior to use. • Users perform positive and/or negative seal check checks as applicable when donning a tight-fitting face-piece. • Users maintain positive control of issued RPE. • Users wear RPE as required and as designed by the manufacture.
45. Silica	<ul style="list-style-type: none"> • Wet methods and/or vacuum extraction are used effectively when required to limit silica dust generation.
46. Toxic Metals	<ul style="list-style-type: none"> • Appropriate PPE (<i>gloves, eye protection, respiratory equipment</i>) and controls (<i>ventilation, containment, postings, etc.</i>) are implemented as required. • All vacuums used to clean up lead are equipped with HEPA filters.
47. Safety Showers/Eyewash Stations CPCC-PRO-SH-40464	<ul style="list-style-type: none"> • Safety Showers and/or Eyewash stations are readily available as required by the work activities. • A clear path of travel is maintained to safety showers and eyewash stations and the area around stations are free of obstructions. • Safety showers and eye wash stations are inspected on a weekly basis when in use.
48. Ventilation/Indoor Air Quality	<ul style="list-style-type: none"> • Ventilation systems are maintained to provide acceptable indoor air quality standards. • Local exhaust units are positioned to adequately remove hazards (<i>e.g., fumes, dusts</i>).
49. Vibration	<ul style="list-style-type: none"> • Job tasks have been redesigned, require adequate rest periods from vibrating tools/equipment, or utilize anti-vibration gloves/tape on tools to reduce vibration exposure to employees.

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50.	Other Industrial Hygiene	<ul style="list-style-type: none"> • List any other industrial hygiene items that are not applicable to one of the other categories.
51.	Job Hazard Analysis CPCC-PRO-WKM-079	<ul style="list-style-type: none"> • A JHA has been developed for all work activities that are determined to be beyond skill-based. • The JHA identifies all hazards and includes the appropriate controls in the work package.
52.	Applicable Permits	<ul style="list-style-type: none"> • All permits are complete and accurate.
53.	Pre-Job Briefing CPCC-PRO-WKM-14047	<ul style="list-style-type: none"> • An effective pre-job briefing was delivered, and all questions/concerns were adequately addressed. • All workers have received a pre-job and signed the pre-job attendance roster prior to performing work activities.
54.	Required Training	<ul style="list-style-type: none"> • All employees are current on the required trainings to perform the job activities. • Employees who use ladders have completed the initial computer-based training course 044391. • Employees who access scaffolds complete the Users Scaffold Safety-CBT Course 044371. • Employees working in, or supervising work in hot environments, have completed the computer-based training course 620193, CPCCo Temperature Extremes, every 2 years. • Employees who are utilizing fall protection complete the initial and requalification training for Fall Protection PFAS Users Course 20440. • Employees that are authorized entrants in a confined space complete the required Hanford Site Confined Space Entry Course 20134.
55.	Competent Person	<ul style="list-style-type: none"> • Competent/Qualified persons have performed all applicable duties and have completed the applicable CPCCo Training Completion Recorded forms to be designated a Competent/Qualified Person.
56.	Equipment Inspections	<ul style="list-style-type: none"> • All equipment is in good working condition. • All equipment inspections are documented as required.