



Project Hazards Identification & Control Plan



Project Name & Number: _____

Plan Prepared By: _____ Title: _____ Date: _____

SCOPE REVIEW - DEFINED YES / NO FROZEN YES / NO

This project review is to be performed to identify common and non-standard hazards and the methods that will be used to control them. These hazards may result from extraordinary work activity or from standard activity performed out of normal industry sequence. Seldom performed work, even though it may be common to the industry, requires separate review, planning and coordination.

Minimum requirements for exposure control are listed and are to be discussed with the work force in addition to any non-standard exposures and methods of control identified through this evaluation process.

1. **Personal Protective Equipment: Minimum = Hard Hat, Safety Glasses, Work Boots**
Consideration: Safety Toe Foot Protection Hand Protection Hearing Protection
Comment: _____

2. **Fall Protection: Minimum = 100% required when performing work that could result in a fall of 6 feet. Full body harness, shock absorbing lanyard, anchorage point verification of location and support strength.**
Consideration: 100% tie-off requires 2 lanyards; cross beam straps facilitate tie-off positioning; retractable lanyards and lifelines facilitate travel but require the approval of the Safety Manager.
Comment: _____

3. **Confined Space: Minimum = Must be identified to work force and signed "Do Not Enter – Confined Space". Entry requires evaluation by the Safety Manager who will conduct worker training and entry coordination.**
Comment: _____

4. **Lock Out / Tag Out: Minimum = Each worker will be provided a single keyed lock and instructed of the requirement to Lock, Tag, and Try; which requires using a meter rated for the service to verify no electrical exposure.**
Consideration: Decommissioning of large systems that will be out of service for extended periods must be reviewed with the Safety Manager and receive Project Management approval.
Comment: _____



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5. **Chemical / Environmental Exposure: Minimum = Each employee will be informed of Chemical Hazards Communication “Right to Know”; Bulk chemicals storage and transfer locations will be evaluated to determine probability of exposure.**
Consideration: Typical overexposure results from gasoline fired engines, atomizing of liquids, large quantity spills, mishandling of highly toxic chemicals, and fumes generated from welding/cutting operations. Any exposure to asbestos, lead, or silica requires approval from the Safety Manager who will prepare and implement a written exposure control plan.
Comment: _____
6. **Respiratory Protection: Minimum = Any exposure that will require workers to wear a respirator will be evaluated by the Safety Manager who will assist with the implementation of the RAND Respiratory Protection Program.**
Consideration: Environments that challenge normal respiration, present strong odors, present unusual levels of suspended particles or affect physical functions require Industrial Hygiene evaluation to determine the appropriate level of respiratory protection.
Comment: _____
7. **Boom and Scissor Lifts: Minimum = All personnel will be trained to properly inspect and operate the equipment before use.**
Consideration: Training and operator authorization will be documented.
Comment: _____
8. **Signs and Barricades: Minimum = All overhead work will be barricaded and “signed” accordingly to prevent casual traffic. Grade changes greater than 19 inches and all excavations will be barricaded with appropriate signage. Temporary panel covers will be appropriately sized and status identified before the permanent cover is removed. Signs and barricades shall be appropriate for the hazard and shall be installed and removed in a timely manner.**
Consideration: Red = Existing Hazard; Yellow = Cautionary; Blue = Instructional
Comment: _____
9. **Fire Protection: Minimum = All welding and torch cutting operations must have a fire extinguisher sized and rated for the exposure area. The extinguisher must have a seal in place and been inspected in the last 12 months. Fire watch personnel will be trained to recognize area fire hazards, to operate extinguisher and how to report a fire emergency.**
Comment: _____
10. **Emergency Procedures: Minimum = A “Project Emergency Plan” will be in place and verified upon mobilization of manpower. It will include emergency phone/radio contacts and actions. It will be communicated to all personnel upon their arrival on site. This information will be posted in RAND gang box and tool set up areas.**
Comment: _____



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11. GENERAL SAFETY CONSIDERATIONS:

- A. Power Cords: GFCI protected – Run overhead if expected to be in place longer than one shift.
- B. Tool Set-up Areas: Trash and “Drop” container available, First Aid kits.
- C. Gas Cylinders: Properly stored and transported; welding and cutting screens available.
- D. Ladders: Good condition, properly stored and appropriately sized for the access height required.
- E. Tools/Equipment: Inspect before use, remove unsatisfactory from work place.
- F. Fuels and Lubricants: Use DOT approved containers with self-closing nozzles for storage and transfer.
- G. Walking/Working Surfaces: Keep dry and free of debris or other obstructions.
- H. Materials Storage: Stack similar materials neatly; off floor and out of aisle-ways.

Comment: _____

12. Site Safety Requirements in Addition to; or that are more stringent than Minimums listed:

- 1. _____
- 2. _____