



SITE SAFETY PLAN

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Environment Health Safety (EHS)

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1. Before site mobilization

- 1.1. SISCOL safety person shall visit site before mobilization of resources to have a first-hand exposure & review the site conditions and also shall prepare Hazard Identification and Risk Assessment (HIRA) matrix, based on the scope of work
- 1.2. He/She will also understand local statutory and regulatory requirements of the land where project is to be executed
- 1.3. He/She will also prepare a plan for regulating manpower, ensuring basic amenities like drinking water, sanitation, medical/ambulance requirement, movement of vehicles and manpower, identification of safety stewards as per the required manpower, materials for barricading, fire blankets if any etc
- 1.4. Sharing the safety plan with the client

2. After Site Mobilization:

- 2.1. All workers operating at the site shall be provided with PPEs (safety helmet, safety shoes etc.). No worker will be allowed entry unless he is in the safety gear
- 2.2. No worker/staff will be allowed to enter the site working unless they are briefed about the safety requirements and expectations and duly inducted for safety
- 2.3. Walk ways and pathways for personnel as well equipment shall be defined and grid marked
- 2.4. All vehicles shall have safety clearance after checking their condition, antecedents, mandatory reverse horns, load test clearance etc., as required and safety certificates will be issued & maintained
- 2.5. All workers/task performers will be explained through tool box talks about the safety and quality requirements of the job that is going to be executed including the associated risks and their mitigation. Evacuation plan in case of emergency including the assembly points shall be explained to the task performers and communicated via visual management posters also.

3. Civil Works

- 3.1. In case civil works are in SISCOL's scope, excavated areas are to be barricaded and entry/exit to be regulated. Slope cutting and netting, depending upon the soil strata shall be ensured.
- 3.2. Borewell water shall be tested for its suitability for drinking and industrial use.

4. Mechanical Erection

- 4.1. All cranes, hydras, tools and tackles shall be tested for their safety and suitability for working at periodic defined intervals
- 4.2. Vertigo tests shall be done for all personnel working at height. Full body harness shall be worn by all personnel working on heights. Safety nets and fall arrestors shall be provided as required. Lifelines shall be provided in the working areas and constant drives for awareness generation for exhibiting safe behaviors shall be launched
- 4.3. SISCOL has Work Permit System for various activities (Ex. Work at Height, Radiography Testing, Confined Space etc.)
- 4.4. Safety stewards shall ensure that requisite systems are being followed and mock drills conducted at defined intervals to test the safety processes deployed at site

5. Audits

- 5.1. Monthly audits shall be conducted to find out the gap analysis and taking timely corrective actions. Non-Compliances (NCs) not closed within 5 days shall be reviewed by the Site In-charge for taking action in closure
- 5.2. Weekly safety walks shall be conducted by the Site Safety Management Committee (headed by Site In-charge) to find out potential risk and their mitigation along with needful resource allocation
- 5.3. Penalty system shall be enforced on the contractors/sub-contractors not following safety guidelines and for not taking remedial actions
- 5.4. Senior personnel of SISCOL's Management Committee visiting site (at least once in 2 months) shall also take stock/review site safety performance and provide guidance
- 5.5. Site personnel will be encouraged to establish a system of reporting near-misses to eliminate accidents.
- 5.6. Data from these audits will reviewed as part of Management Review Meetings (MRMs) as defined in SISCOL's IMS Manual.