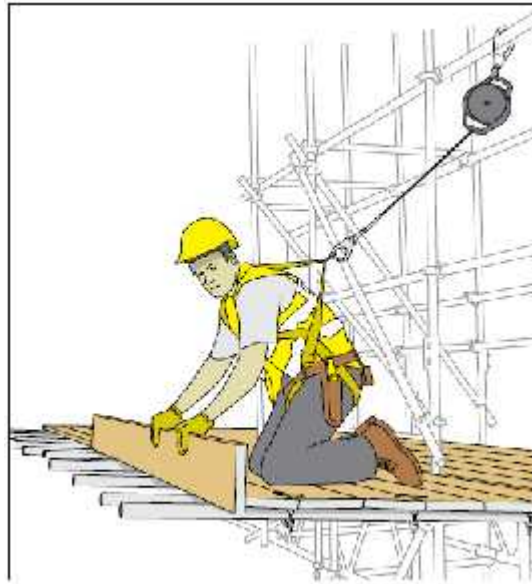


Safety While working at Heights



HAZARD:

- A condition or situation that could result into fall.
- A condition or situation that could result in person getting buried.

PRECAUTIONS:

- There must a safe method of getting to and from the work area with minimum two accesses / exits.
- Decision on whether the particular equipment will be suitable for the job and the conditions on site.
- All employees should secure properly, tools and other material on platform; scaffolds or any other elevated points so that they will not fall. Use minimum square floor grill / grating or chequered plate for base (floor) & toe guard / board for avoiding fall of materials or slippage & fall of person. Tie hand tools to belts.
- Make sure that scaffolding and ladders are as per safety standard norms. Ladder is preferably cage ladder & scaffolds should have minimum two level hand rails with top layer at 1.2 m from scaffold floor level.

- Check any equipment provided by another company is safe on site before using it.
- If no other means of providing a safe place of work at height is available, then appropriately anchored harness should be worn; whenever harnesses are used a method must be available to enable people to be rescued from fall and being left suspended in their harness by way of anchor from nearest permanent structure or lifelines.
- When selecting a safe system of work at heights, all the risks have to be considered before one method is selected. For example, if nets are selected, is there adequate clearance under the nets to prevent injury to those who may fall into them? If harnesses are used, is there sufficient clearance from the ground to allow the shock absorbing lanyard or inertia reel to fully extend.
- Physical condition and suitability of steps, rung ladders.
- Helmet with chin straps, in working condition.
- Safety belt with double lanyard with arrangement for life line support.
- Manila rope used as lifeline or for any other purpose shall be checked before each application and in each shift, when it is in use.
- Area on ground beneath the height where job is being executed has been properly barricaded / fenced indicating danger, displaying necessary placards.
- Concerned departmental personnel whose work may get affected by the job have been identified and communicated.
- Any work at height shall be carried out only in presence of skilled supervisor.
- Only trained persons shall be allowed to work at height. Workers will have to be permitted to work at height only after clearing height phobia test and upon certification by registered medical practitioner to that effect.
- If working at height includes gas cutting and welding, working in gaseous hazardous area, near electrical installation, work permit should be obtained from authorized agencies separately for each hazard.