

Safety in Using Hand Tools and Machines

Hazards:

- Hit by flying object.
- Cut or hand injury.



PRECAUTIONS:

- Do not transfer the tools from one man to another by throwing. Instead hand them over in a safe way.
- Tools should be used only for the purpose for which they are designed and should be inspected periodically for defects. Return defective tools to tool room for repairs. Redeploy such defective tools only after the repairs are done to eliminate the defects in totality.
- Provide a fitness tag with date of checking on tools after each inspection.

- Tools having burns, cracks, mushroomed heads, and broken, loose or splintered handle must not be used. Return such tools to tool room.
- Always use a "holder" with a chisel or drill when sledging.
- No edged or pointed tools shall be carried in pockets or belt, or transported unless they are fully protected.
- A screw driver should not be used as a chisel or lever.
- When using screw driver do not hold material in hand.
- Electrician should use tools with only insulated handles.
- Non-sparking tools shall be used, wherever explosive or flammable material is present.
- When handling springs or cutting wires or material under tension, prevent its flying back or springing b working cautiously.
- Tools should not be left hanging on platform, pipes, and work tables or on the machinery which on falling may cause injury.
- Tools which do not have handles should not be used as they may cause injury.
- Ensure to use tools such as grinding machines with proper safety guard in place.
- Electrically operated hand tools such as drilling machines, grinding machines should be used only with three pin plugs and sockets with proper earthings.
- Electrical cable used in hand tool should be of rated capacity and as far as possible joint free.
- Ensure use of proper hand gloves, face shields, goggles etc. based on the tools to be used.
- Do not use over size spanners with packing for tightening nuts or bolts.

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