



# Safety SOP

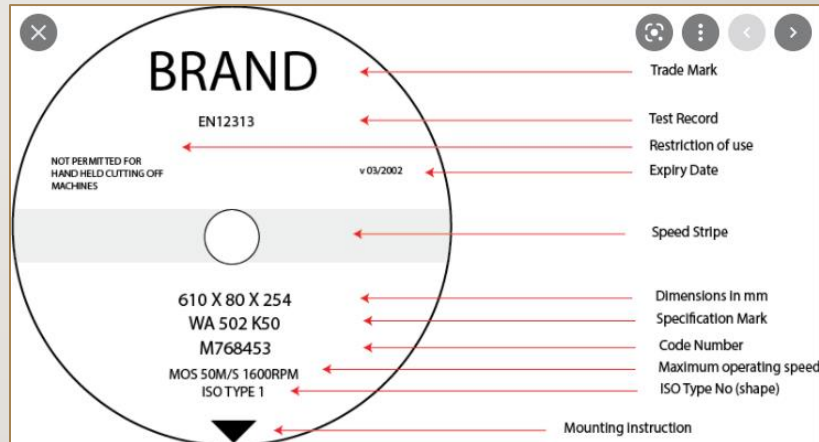
## Small Tool Usage

### Hand Tools / General Risk

- ❖ PPE- Reference manufacturer and jobsite requirements
- ❖ Shall be in good working condition, no bends, chips or cracks.
- ❖ Hand tools shall not be homemade or modified.
- ❖ Assess pinch point hazards prior to utilization
- ❖ Only use the tool per the manufactures recommended and intended use.
- ❖ Only jobsite permitted tools allowed.
- ❖ Tools to be tethered when working at heights
- ❖ Training required either in orientation or by FLS

### Grinders

- ❖ PPE- Safety glasses, respirators, face shield, hearing protection and leather gloves.
- ❖ Grinders will be used with handles and guards in place with one hand on each handle.
- ❖ Always verify the consumables have the proper rating for the grinder being used.
- ❖ Secure your work in a vise or clamp.
- ❖ Always keep the sparks pointed in a safe direction and remove any flammable material.
- ❖ Unplug or remove battery before changing the disk and when not in use.
- ❖ Select the right size grinder for the job.
- ❖ Ensure disk has stopped rotating prior to releasing the grinder
- ❖ Be aware of kick back and point the grinder away from body.
- ❖ Never use consumables that are defective or weathered.
- ❖ Metabo cut-off wheels to be approved by Project Manager or Project Designee



### Drills

- ❖ PPE- Safety glasses, gloves, hearing protection and face shield when work is above the shoulders.
- ❖ Keep loose clothing and jewelry tucked and put-up long hair with rotating equipment
- ❖ Unplug or remove battery before changing bit or when not in use.
- ❖ Never use a hole saw without a pilot bit
- ❖ Tighten the chuck securely and remove chuck key before beginning work.
- ❖ Always utilize auxiliary handle in accordance with manufactures' guidelines unless approved otherwise by Superintendent
- ❖ When using a mag drill, tape and put a danger tag at each electrical plug.

**Front-Line Supervisors to verify tool proficiency performed by each employee!**



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## Small Tool Usage



### Reciprocating, Circular, and Chain Saws

- ❖ PPE- Safety glasses, gloves, chaps, face shield and hearing protection.
- ❖ Unplug or remove battery when changing the blade or not in use.
- ❖ Both hands to be used and the handles and guards should never be modified/removed.
- ❖ Make sure you have the proper blade and installed properly (correct direction).
- ❖ Always keep your hands and body out of the line of fire.
- ❖ Secure the work in a vise or clamp.
- ❖ When using cut off saws never cut overhead or horizontal only make vertical cuts.
- ❖ Always place cut off saw and chain saws firmly on the ground when starting.
- ❖ Always match the rating of the consumables to the saw.

### Impact Guns

- ❖ PPE-Safety glasses, gloves, and hearing protection.
- ❖ Only use impact rated sockets.
- ❖ Unplug, remove battery, or isolate energy when changing socket.
- ❖ Retainer rings and pins are to be used to secure the socket.
- ❖ Hand placement must be considered when setting up work.
- ❖ A firm, well-balanced, body position is to be utilized while operating an impact wrench



### Portable Rams/Jacks

- ❖ PPE- Safety glasses and gloves.
- ❖ Do not use as the primary load support without a secondary support block/device
- ❖ Cylinder, pump, couplings and hoses must have the same pressure rating.
- ❖ Make sure the cylinder is on a flat stable foundation.
- ❖ Never use a cylinder, pump, coupling or hose that is leaking.
- ❖ Never exceed the equipment's rating.
- ❖ Never handle or lift the equipment by hose or fittings.



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Always refer to Job Site PPE Chart for Project Requirements