

# Bench Grinder Safety

## Personal protective equipment check:

- Eye protection - clean safety glasses and face shield.
- Hearing protection for noisy machines and operations.
- Hand protection - leather work gloves.
- Use proper respirator when using cutting fluids.

## Work area safety check:

- Sufficient lighting.
- Not in traffic area.
- No slip or trip hazards.

## Pre-use safety check:

- Ensure that bench or floor-mounted tool is securely mounted.
- Ensure electrical cords are grounded.
- Check switch is not damaged.
- Check to ensure there are no exposed wires.
- Ensure that cords are free from work area.
- Make sure all guards are in place and properly adjusted.
- Check that wheels are rated for higher speed than machine RPM.
- Check that equipment is securely mounted.
- Ensure that grinder tool rest gap to wheel is no larger than 1/8 inch.
- Conduct "ring" test for all new stones - ensure no cracks, breaks or chips.



## Operation safety:

- Use tool rest - no free hand operations.
- Dress wheels as needed to prevent buildup and over-heating.
- Stand aside from wheel when starting grinder.
- Keep hair, sleeves and jewelry out of work area.
- Replace wheel when you cannot adjust tool rest gap to proper opening size.

# Bench Grinder Safety

This form documents that the training specified above was presented to the listed participants. By signing below, each participant acknowledges receiving this training.

Organization: \_\_\_\_\_ Date: \_\_\_\_\_

Trainer: \_\_\_\_\_ Trainer's Signature: \_\_\_\_\_

### Class Participants:

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

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