

H&S Manager: Wesley Jameson

Date Approved: Sept 2026

## Abrasive Wheels

Abrasive wheels help us easily perform tasks that otherwise would be difficult. However, abrasive wheels pose a higher risk of severe injury because points of contact can transfer a large amount of mechanical energy from the tool to small areas on the body. In addition, users of power tools may also be exposed to hazardous airborne contaminants, flying debris, and electrocution, among other risks..



### Personal Protective Equipment



Ear Protection



Cut 5 Gloves



Steel toe  
capped boots



Hi-vis Clothing



Goggles/  
Faceshield

### FAILURE TO WEAR EYE PROTECTION MAY RESULT IN DISCIPLINARY ACTION

#### Potential Hazards

- Hot metal
- Sparks
- Noise
- Eye Injuries
- Entanglement
- Wheels 'run on after shutdown
- Sharp Edges and wheels bursting

#### Before Use

- Check workspaces and walkways to ensure no slip/trip hazards are present.
- Ensure all guards and safety shields are in position before starting the machine.
- Ensure that the wheels do not touch the work rest and that the gap between wheel and rest is no greater than 1.5mm.
- Check that wheels are running true and are not glazed or loaded.
- Locate and ensure you are familiar with the operation of the ON/OFF switch.
- **Faulty equipment must not be used. Immediately report any faulty/damaged machinery.**

#### During use

- Stand to the side of the wheels when starting up.
- Let the wheels gain maximum speed before starting to grind.
- Work piece must NEVER be held with gloves, cloth, apron or pliers.
- Do not grind on the side of the wheel.
- Small objects must not be held by hand.
- Never leave the machine running unattended.
- Do not bend down near the machine whilst it is running.
- Never force the work piece against a wheel.
- Slowly move the work piece across the face of the wheel in a uniform manner

#### After Use

- Switch off the machine.
- Don't force the wheel to stop turning.
- Leave the machine in a safe, clean and tidy state

#### Emergency Procedures

- Press the emergency stop and isolate the machine if an unsafe condition occurs.
- Do not free trapped material or a person until all movement has stopped and the machine is isolated.
- For cuts, crush injuries, eye injuries or entanglement, raise the alarm and obtain First Aid/emergency assistance.
- Report all accidents, near misses, equipment damage and defects.
- Do not return the drill to service after a serious fault until checked and authorised.

#### Safe Operating Rules

- ✓ Use only approved disc.
- ✓ Maintain a firm 2 handed grip and stable stance.
- ✓ Remove battery before changing discs.
- ✓ Inspect angle grinder and discs before every use.
- ✓ Clamp work where possible.
- ✓ Never use operate without the guard fitted.

### Competency Sign off Form



Report all accidents, injuries and near misses to your supervisor / H&S. You can also scan the QR codes below.

