

# Angle Grinder

## Overview

We have an angle grinder in the workshop. This is used for making cuts in metals. This is to be only used within the weldy / grindy area, NOT the main metal work area, we have to avoid any particles entering into the lathe or milling machines.

## Notes

There is a packet of spare discs in the box with the grinder, as well as the spanner for changing them. Remember that the discs wear with use - if you're doing a lot of cutting (or cutting through something very tough) and thus using a lot of discs, it would be polite to replace what you use

## Safety

- Find a way to fasten the part down, ether by clamps or vice
- **DO NOT** use the grinder in the main metal work area, only the weldy grindy area next door.
- Make sure to use the right type of disc for the job (don't grind with a cutting disc)
- Wear lots of ppe, Gloves, Impact Goggles, hearing protection, mask if grinding anything that would generate dust
- No lone working
- Don't overload / burn out the grinder by pushing it too hard (this happened with a dewalt one we had)

## Risk Assesments

- [Angle-Grinder-Risk-Assessment.ods](#)
- [Angle-Grinder-Risk-Assessment.pdf](#)

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