ETH STUDENT PROJECT HOUSE

# Angle Grinder

## Bosch GWS 1400

- For beveling and surface cleaning
- 80-grit flap disc mounted

# SAFETY

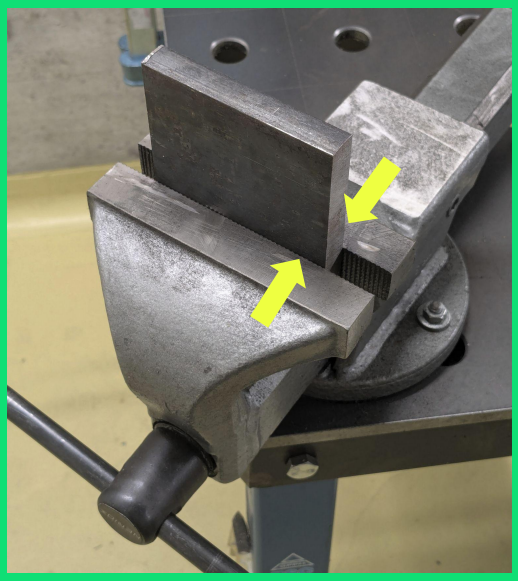
This is a quick reference guide. Always follow the manufacturer's operating manual and consult your supervisor if you are unsure about any procedure.

- **Risk of electric shock: Keep power cable outside of work area**
- **Wear fire resistant overall & leather apron**
- **Wear tight-fitting protective gloves**
- **Wear safety shoes**
- **Wear fully closed safety goggles**
- **Wear ear protection**
- **FFP3 mask recommended**
- **Keep clear of hot surfaces**
- **Do not touch the workpiece near the work area until it has cooled**
- **Always hold machine with both hands**
- **Don’t use the machine for cutting**
- **Don’t change disc or any other part of the machine - this is done by the supervisor**

# USAGE

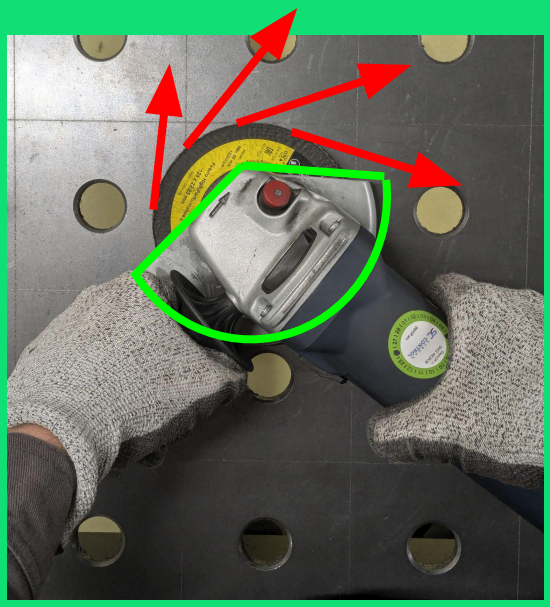
## 1. Fix workpiece

- Use the vise.



## 2. Adjust the guard

- Ensure no sparks or particles can fly towards you.



## 3. Hold grinder firmly with both hands and maintain a stable working position

- Switch the machine on only when you are ready to start grinding.
- Switch it off as soon as you have finished grinding or before repositioning yourself.
- Never move around while the machine is running.
- Never use the machine from an awkward or unstable position where you could lose control of it or be exposed to sparks or particles.
- Always maintain a secure and balanced stance while operating the machine.