Metal Shop

Welding, grinding and plasma cutting.

- Overview
  - Metal Shop Overview
- Equipment SOPs
- Maintenance

Overview

What the area is for, equipment at a glance and who the Area Champion is.

Metal Shop Overview

The Metal Shop is for welding, grinding and plasma cutting: fabrication, repairs and anything else that involves cutting, shaping or joining metal.

Equipment at a glance

The current list of Metal Shop equipment, with locations and which tools need training, is in **Atlas**: https://atlas.waukeshamakers.com.

No SOP pages have been written for this area yet. They will be added to the **Equipment SOPs** chapter of this book.

Before you work here

- **PPE is required** in the Metal Shop. See **Shop Safety: Personal Protective Equipment** .
- **Every corded tool requires training** before you use it, welders and plasma cutters included. See **Training and Certification: How Certification Works**, and check your certifications in Journeyman at https://journeyman.waukeshamakers.com.
- **This is hot work.** Clear combustibles before you start and watch for smoldering after you finish. See **Shop Safety: Fire Safety and Hot Work**.
- **Fumes.** See **Shop Safety: Air Quality**.
- **Inspect each tool before use.** See **Training and Certification: Pre-Use Inspection**.
- **Protect the people around you** from sparks and welding flash.

Area Champion

> To be confirmed: who the Metal Shop Area Champion is and how to reach them. See **Volunteer Runbooks: Area Champions** for what Area Champions do.

Classes are listed with events at https://waukeshamakers.com.

Equipment SOPs

One page per tool. Reading an SOP does not replace training or certification.

Maintenance

Routine maintenance procedures and checklists.