



WORK AREA

JEWELRY BENCH

- 1 Clear the bench after every session**
Leave the surface completely clear — no tools, scraps or personal items — so the next maker can start straight away.
- 2 Sweep the surface and bench pin**
Use the bench brush to sweep all filings and clippings into the bench tray. Never brush onto the floor.
- 3 Wipe out the pull-out drawer**
Empty metal dust and scraps from the catch drawer and wipe it clean with a dry cloth before you leave.
- 4 Return all tools to their hooks**
Files, pliers and cutters go back on designated hooks. Bench blocks return to the shelf.
- 5 Check the floor**
Sweep any dropped pieces — small metal fragments are a hazard for everyone in the studio.

▲ LEAVE IT CLEANER THAN YOU FOUND IT



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BELLINGHAM MAKERSPACE



EQUIPMENT

ROTARY TOOLS & FOOT PEDALS

- 1 No off button — the pedal IS the switch**
These tools have no power button. The foot pedal controls all power. Treat it as a live switch at all times.
- 2 Connect the pedal only when ready to work**
Plug in the foot pedal only after your handpiece is fitted and you are seated and ready to begin.
- 3 Return the pedal to the locker after every use**
Unplug and store the foot pedal in its designated locker immediately. Never leave it on the floor.
- 4 Hang the handpiece above the bench**
After each use, hang the handpiece on its hook above the bench — keeps cords clear and the surface free for others.
- 5 Wear eye protection at all times**
Flying debris from burrs and bits is a serious hazard. Safety glasses on whenever the tool is running.

▲ PEDAL UNPLUGGED · HANDPIECE HUNG · BENCH CLEAR



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HAZARDOUS AREA

SOLDERING STATION

- 1 Check ventilation before lighting the torch**
Confirm the fume extractor is on and drawing properly. Never solder without active ventilation running.
- 2 Ignite safely – torch pointing away from your body**
Direct the tip away from yourself and others before striking. Never use matches to light the torch.
- 3 Hot metal looks exactly like cold metal**
Always assume freshly soldered metal is hot. Use cross-locking tweezers or quench in water before handling bare-handed.
- 4 Extinguish the torch whenever you step away**
Stepping away for any reason – even briefly – means the torch goes off completely.
- 5 Cool, clean and clear before you leave**
Quench work, rinse flux residue, wipe the soldering pad and brick, and return all tools to their tray.

▲ FIRE EXTINGUISHER LOCATED BY THE STUDIO DOOR



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EXTREME HEAT

KILN AREA

- 1 Confirm the correct programme before firing**
Check the schedule is set for your material. Never override or interrupt a programme already running.
- 2 Wear heat-resistant gloves and eye protection**
Kiln gloves and shaded glasses are required when opening the kiln or handling work directly out of it.
- 3 Never reach into a hot kiln without proper tools**
Use kiln tongs or loading forks. Keep face and body clear of the door when opening – heat escapes rapidly.
- 4 Place hot work on the cooling shelf only**
Freshly fired pieces go on the designated cooling shelf – never on the bench, floor, or near flammables.
- 5 Log your firing and sign out**
Record your name, material, programme and end time in the kiln logbook after every use.

▲ SURFACE TEMPERATURES EXCEED 900 °C · DO NOT TOUCH



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CHEMICAL HAZARD

PICKLING AREA

1

Wear nitrile gloves and eye protection

Pickle solution is acidic. Gloves and safety glasses are mandatory before handling the pot or any work from it.

2

Never put steel into the pickle pot

Steel tools contaminate the solution and will copper-plate your work. Use only copper or plastic tongs.

3

Rinse work thoroughly after pickling

Remove all acid residue with a full water rinse before returning work to the bench or continuing to solder.

4

Keep the lid on when not in use

Replace the pot lid immediately after adding or removing work — reduces fumes and prevents splash accidents.

5

Skin contact — rinse immediately and notify staff

Flush affected skin with running water right away. Do not attempt to neutralise alone — find a staff member.



ACID SOLUTION · NO STEEL TOOLS · RINSE SKIN IMMEDIATELY ON CONTACT



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SHARP EQUIPMENT

METAL SHEARS / GUILLOTINE

1

Keep fingers clear of the blade line

Never place fingers within the marked safety zone. Use the hold-down guide to position your material.

2

One operator at a time

No one else should reach near the blade while the shear is in use. Bystanders should stay behind the marked floor line.

3

Support both sides of long sheet metal

Wide or long stock can drop suddenly after cutting — use the outfeed support or ask a helper to catch falling pieces.

4

Gloves are recommended when handling cut sheet

Cut edges can be razor-sharp. Cut-resistant gloves are recommended before edges are filed or finished.

5

Clear metal offcuts from the area right away

Put metal pieces directly into the scrap bin — loose offcuts on the floor are a hazard for everyone.



BLADE IS ALWAYS SHARP · NEVER REACH UNDER THE GUARD



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