

~ FABRICATION ~



OPERATING INSTRUCTIONS



INTRODUCING

the



ENAMEL KILNS



Various Enamel Kilns

Level 2 (see Hot Working Induction Guide on Access Levels)

Heating up small pieces (approximately A4) of copper or steel to enamel glass powder to the surface

PPE Basic

- Suitable work coat
- Hair tied back, no loose accessories
- Appropriate footwear, no sandals etc
- No hairspray or flammable clothing
- Eye protection – goggles
- Heat proof gloves
- Face mask to be worn when using the larger kilns

What to do before use

- Inform a member of staff before starting work and ask to unlock the kiln
- Ensure the kiln is empty and nothing flammable is placed on top or resting beside it before switching on
- Know and familiarise yourself with where the fire blanket and fire alarms are located
- Visual check of PPE and enamelling equipment (trivets etc) and report any damage/faults to a member of the technical staff

How to Use These Enamel Kilns

- Turn the kiln on
- Set the kiln to the desired temperature

- **Wear goggles and gloves when opening the kiln**
- **Use a trivet and fork to place work into the kiln**
- **Do not leave the kiln unattended when work is being fired**
- **When work is removed, place work and trivet to a clear space beside the kiln on a ceramic batt and leave until cool before handling.**
- **Make other students aware of hot metal using signage 'Caution Hot Surfaces'**
- **Keep work surfaces by the kilns clean by wiping down firescale or powdered enamel with a wet sponge**
- **If the metal falls off a trivet in the kiln, calmly using the forks provided remove it safely out, if concerned ask a member of staff for help.**
- **When finished working, turn the kiln off and lock back up, if no other students are using it.**
- **Wipe down the area, return equipment and leave in a tidy condition.**

Date

I verify that I have read and understood the information detailed within this document

Name

Signature