

# Cold Certification



**Student:**

.....

**Trainer:**

.....

**Date:**

.....

Certification for: 12in. Plate Shear (Jewelry Studio), Belt Sander (Jewelry Studio), Drill Press (Jewelry) (Jewelry Studio), Fasco Tumbler (Jewelry Studio), Flex Shaft Grinder (Jewelry Studio), Polisher (Jewelry Studio)

## Training Check-Off List:

### Studio Anatomy

All tools and their appropriate uses can be properly identified.

- Large Bench Shears
- DuraBull Polishing & Buffing Machine
- Mini Belt Sander
- Tabletop Drill Press
- Tumbler
- Calipers, Stencils, and sandpaper
- Hand Tools (pliers, jewelers saw, files, etc.)
- Various Hammers (Steel vs. Brass vs. Non-marring)
- Daps, Dapping blocks, Disc Cutter, and Stamps
- Hammering Table & Surfaces (Steel & wooden surfaces, mandrels, vices, etc.)
- Flex Shaft and Bits
- Jewelers Bench
- Patina and metal cleaning station

### Pre-Operation

- Safety precautions are followed - safety glasses, hair tied back, sweatshirt ties and other loose clothing is secured and out of the way, close toed shoes, etc.
- Work stations are cleared where necessary
- Appropriate compound is chosen and applied for buffing wheel
- BurLife is applied to burs and drills on Drill Press and Flex Shaft

## Cold Certification

### Operation

- Polishing and Buffing wheels are used with appropriate technique and for appropriate applications
- Appropriate careful technique is used for bench shears, drill press, and other machinery
- Correct technique and application are used with appropriate hammers
- Flex Shaft is used with correct technique, speed, and control, and appropriate bits are chosen
- Hand tools are used with correct technique
- Liver of Sulphur is prepared correctly and used with appropriate precautionary techniques
- Tumbler is used with appropriate tumbling media, an assembled in the correct order

### Post-Operation

- All work areas are cleaned
- Bench Shears are closed and locked
- Jewelers Bench
- Buffing Machine is OFF and all buffing/polishing wheels and compound are stowed
- Belt Sander is unplugged
- Drill Press is unplugged and drill bits are stowed
- Tumbler and tumbling media are completely dried, and tumbling media is stored in barrel
- Tumbler is unplugged
- All hand tools, mandrels, and hammers are put away
- Disc cutter is stowed in plastic bag
- Hammering Table is cleared
- Jewelers benches are swept of debris
- Flex Shaft is appropriately stowed and attachments are put away
- LOS has been properly disposed of OR has been saved in jar with lid tightly secured
- Cleaning area has been wiped down and tidied

### Lockout/Tagout Procedure

- Student imparts: Tool unplugged and plug wrapped in safe/visible location, tag filled out and posted, front desk notified (if on site) and shop lead emailed immediately.

# Cold Certification

**Pass/Fail:** .....

**Comments:**

.....  
.....  
.....

**Student Signature:** ..... **Date** .....

**Certifier Signature:** ..... **Date** .....



Certifier: Please scan this QR Code to email [info@claremontmakerspace.org](mailto:info@claremontmakerspace.org), and include a list of students who have passed this test.

Then, return this form to the front desk (even if the student failed!).