

## Artist Hires

Built and funded by the ACT Government, Canberra Glassworks is Australia's first cultural facility devoted to contemporary glass practice. The Canberra Glassworks provides artists with state-of-the-art equipment, studios and mentorship programs to support the development and production of new work in glass. The Glassworks provides diverse opportunities for visitors to interact with and learn about glass making and the heritage of the Kingston Powerhouse building.

Access to equipment, studios and storage facilities at the Canberra Glassworks will provide artists with opportunities to expand their skills, develop their income streams and explore new directions in their practice. Canberra Glassworks offers artists a high quality facility and diverse opportunities to participate in a range of programs including production glass design and making, through individual and collaborative approaches, teaching and exhibition opportunities, to name a few.

### Hire!

Canberra Glassworks is opening in late May, so start planning to make your work now.

### Hotshop

- 350kg Fred Metz designed Tank Furnace (with another 350kg furnace to be developed in the future)
- After we open 80Kg Pot Furnace for melting colour / casting glass
- Four glassblowing workstations each with
  - Blowing bench
  - Tools bench
  - Marver
  - Dedicated natural gas, oxygen and compressed air
  - Easy access to annealing space and furnaces
  - Rolling yokes.
- The choice of 4 gloryholes (re-heating chambers) with another four to be developed in the future.
  - 1 x large 500mm diameter x 1300mm deep
  - 1 x medium 400mm diameter x 1000mm deep
  - 2 x small 350mm diameter x 750mm deep
  - 3 x annealers with internal dimensions of 1150mm W x 1000mm d x 1660mm h
- 1 x large casting annealer with roll out bed, 1250 wide x 1800mm long x 800mm high
- 2 x Pickup boxes – suitable for graal and colour pickup
- 2 x pipe warmers
- Garage
- Casting marver
- Casting ladles and gathering balls
- Sandcasting equipment
- Steinert blowing pipes and Fred Metz blowing punties
- Jim Moore blowing tools
- Range of 'Blockhead' and Italian style blocks
- 'Major' sculpting torches
- 'Exact' hand torches
- Pastorelli, plates and ferros



- Rollers for trails
- Lowrider – pastorelli yoke
- Lockers with pipe and punty storage

### **Coldshop**

- Spatzier cutting lathes x 2 with
  - Range of tapered and flanged spindles
  - Range of sintered diamond wheels
- Spatzier engraving lathes x 2 with
  - Range of tapered and flanged spindles
  - Range of Felt wheels
- Steinert polisher / punty grinder with horse hair wheel and felt wheel attachments and variable speed motor
- Merker vertical finisher (belt grinder)
- Bremner vertical finisher (belt grinder)
- 2 x Steinert 36" flat bed grinder, With variable speed motor
- Suhner Rotomax with
  - Dedicated wet area with 360 degree access
  - Hydraulic adjustable height work table
  - Variable speed adjustment
  - Talm 2:1 right angle attachment
  - 10mm and 12mm flexible shaft
  - Backing plates for diamond pads
- Suhner wet air angle gGrinder
- Pneumatic angle grinder
- NSK air engravers with
  - 2.35mm and 3mm chucks.
  - Dedicated engraving tables
  - Dedicated pressurised warm water feed
  - Ergonomic adjustable stools
- Husquvarna diamond saw
  - Accepts 300mm - 450mm blades
  - Dedicated 450mm 'Merker' continuous rim glass blade
  - 400mm masonry blade
  - 300mm continuous rim glass blade
  - Blade tilts to 45 degrees
- Core drill with
  - Range of continuous rim diamond bits 5mm – 32mm
  - Water fed chuck
  - Adjustable hydraulic table and articulated head to be manufactured once open
- Large sandblaster with
  - Pressure pot
  - Reverse pulse dust collection
  - 1500mm w x 1200 d x 1100 h internal dimensions
  - 8mm tungsten nozzle



- Large Champion air compressor that creates 82 L/s or 174 CFM at 7.8 bar (115psi)
- Large workstations and sinks to accommodate all forms of glass. All sinks have paddle taps and overhead flexible spray nozzles
- All water in coldshop is heated to 26 Degrees C and is pressurized to maintain a constant uninterrupted pressure to each machine

### **Mould Room**

- Dedicated articulated extraction arms for wax, steam and dust
- Extraction vents along bench tops
- Waterproof Digital Platform Scales, 10g – 300kg, 500mm wide x 600mm deep stainless top
- Portable digital scales x 2
- Professional variable speed twin gear mixer with attachments
- Double boiler wax melting pots
- Industrial steamers and dedicated steaming stations
- Mould drying cupboard with fan forced heating
- Mould drying racks
- Water filtration system and industrial sludge pump for recycling liquid waste
- Movable wheeled tables with industrial tops
- Large range of cottles and clamps
- Retractable hoses with warm water feed
- Hydraulic trolleys for moving materials, moulds, equipment and objects
- Easy access to tools and materials
- Plasterers' buckets
- Banding wheels
- Large capacity wet and dry vacuum

### **Flameworking**

- 4 x Carlisle 'CC' burners for advanced flameworking
- 4 x 'Major' burners, suitable for both medium flameworking and small bead making
- 4 x 'Minor' burners, suitable for intricate flameworking and bead making.
- 5 x Paragon kilns, 610mm wide x 580mm deep x 380mm high, internal dimensions
- Close access to fusing kilns for annealing large objects
- Large range of hand tools for all lampworking styles
- Neon workstation with
  - Ribbon burner
  - Crossfire
  - Crossfire hand torch
  - Air blower
  - Stainless mesh
- Dedicated lampworking tables with large overhead extraction and ample working space
- Adjustable ergonomic stools



## **Kiln Room**

- Fusing kilns
  - 2 x large fusing kilns, 2400mm x 1250mm internal dimensions, hydraulic lift up lids and automatic venting.
  - 1 x BVD medium fusing kiln, 1200mm wide x 1000mm deep x 400mm high, Hydraulic lift up lids
  - 2 x BVD medium fusing kilns, 1000mm wide x 600mm deep x 400mm high, hydraulic lift up lids
  - 5 x small paragon kilns, 610mm wide x 580mm deep x 380mm high, internal dimensions
- Casting Kilns
  - Large Woodrow front loading casting kiln with roll-out kiln car 1250 wide x 1800mm long x 800mm high inside dimensions
  - Large Woodrow top loading casting kiln, 1100 wide x 650mm long x 600mm high inside dimensions.
  - Medium Woodrow top loading kiln, 850mm wide x 650mm deep x 450mm high, internal dimensions
  - 2 medium Nabertherm front loading kilns, 600mm wide x 750mm deep x 1000 high internal dimensions
  - 2 small Nabertherm top loading kilns, 480mm wide x 430mm deep x 490mm high, internal dimensions
  - 2 small Woodrow top loading casting kilns, 500mm wide 500mm long x 500mm high inside dimensions
  - 5 x Paragon kilns, 610mm wide x 580mm deep x 380mm high, internal dimensions
- Dedicated extraction system for each kiln to safely disperse heat and contaminants.
- Large range of kiln shelves and props available
- Hydraulic platform trolleys 350kg – 500kg capacity for transporting materials, moulds and objects to and from kilns
- Overhead gantry for manoeuvring large heavy materials, moulds and objects.
- Large capacity wet and dry vacuum

Register your interest in artist hires by writing to us at [contactus@canberraglassworks.com](mailto:contactus@canberraglassworks.com).

Open to the Public: Wednesday – Sunday

Management Office: Monday – Friday