**Oven Preparation**

1. Turn on diffusion pump cooling water
2. All switches off (down)
3. Main Switch (SW 1) on
4. Install the CRT
5. Position tipoff coil

**Evacuation**

1. Mechanical Pump (SW 2) on
2. After the mechanical pump stops gurgling, Diffusion Pump (SW 3) on
3. Start oven heater cycle:
   - Glass tubes under 24 inch: 775 (725?) degrees F for 30 min
   - Glass tubes 24 inch or larger: 775 (725?) degrees F for 60 min
   - Metal and Color tubes: 660 degrees F for 60 min
4. Reduce oven temperature to 400 degrees F

**Bombard Gun (5 minutes)**

1. Gun Bombard (SW 4) on
2. Adjust Variac 1 for 8 volts on AC meter
3. After timer is at 0, Gun Bombard (SW 4) off

**Tipoff (4 minutes)**

1. Tipoff (SW 6) on
2. After timer is at 0, Tipoff (SW 6) off

**Shut Down Oven**

1. Oven heat off
2. Diffusion Pump (SW 2) off
3. Mechanical Pump (SW 3) off
4. Turn off diffusion pump cooling water
5. Turn on diffusion pump cool-down water
6. After oven has cooled, turn off diffusion pump cool-down water
7. Remove CRT

**Getter Flashing**

1. Place tube in appropriate heating coil
2. Getter Flash (SW 8) on
3. Adjust Variac 2 for 10 volts on AC meter
4. Wait one minute, then press foot pedal until the getter has flashed
4. All switches off (down)