RAPID THERMAL ANNEAL (RTA) SOP

December 2018

**RTA Startup**

1. Login to FOM
2. In the chase near the RTA turn on the following services.
   a) RTA electrical disconnect panel,
   b) Compressed air,
   c) Nitrogen,
   d) (2) RTA water lines.
3. On the front of the RTA turn on the power.
4. Press in briefly the plastic tube on the left side of the RTA to reset the overheat flashing LED.
5. Turn on the computer by pressing the button with a star drawn on it.
6. At the prompt
   - press any key to continue
   - Q
   - type: `pcat1106`
   - `<enter>`
   - `<enter>`
7. Select and modify the recipes as needed.

**Shutdown process to turn off the RTA:**

1. Scroll to Q to quit the software.
2. At the C:\ prompt turn off the computer by pressing the button with a star drawn on it.
3. Turn off the power on the front of RTA.
4. In the chase near the RTA turn off the following services.
   a) RTA electrical disconnect panel,
   b) Compressed air,
   c) Nitrogen,
   d) (2) RTA water lines.
5. Log out of FOM.