

TURNING OFF THE X-RAY MACHINE

1. First, make sure goniometer head is in zeroed position.
2. Exit out of **APEX2** and **BIS**.
3. Go into **D8 Tools**, connect to X-Ray Diffractometer, and put Generator in Standby
4. Exit out of **D8 Tools**.
5. On right column of machine, turn **HIGH VOLTAGE** switch counterclockwise
(*This turns off X-Ray generator*)
6. Open up front panel of machine with two black tabs
7. You should see a button that says Detector Power Supply
8. Turn the switch to off and then immediately turn off **Lytron** (*Lytron cools X-ray detector [APEX2]*). Turn off both front and back of Lytron
9. Turn off **Haskris** (*Haskris cools X-ray source*) on (front).
10. Turn of X-Ray Diffractometer by pressing Red button on right side of column.
11. Turn key to locked position in column.
12. Turn off **AMI Controller**.
13. Log into **Cryopad** on desktop (if it does not connect, exit and re-open, it may take a couple tries)
 - a. Click on Command Tab
 - b. Choose End from menu: target temperature is 300K
 - c. Click Execute now
 - d. Wait until it hits target temperature
 - e. Exit out of Cryopad
14. Turn off **Dry Air Unit**.
15. Turn off **Oxford Cryostream**.