

Restart procedure for XPS after an interlock failure that shuts the whole instrument down.

1. turn off alarm on interlock box near bottom of rack.
2. push the reset button on interlock box.
3. restart the circulating temperature control pump on Neslab in corner
4. Turn off cryo-pump.
5. press reset on back of box over xps
6. check valves to see that the valves to allow the turbo to pump out load lock. You may need to shut and open the valve once.
7. Start the turbos
8. Turn on the cryo-pump
9. turn on the alarm of the interlock box.
10. Wait a minute for the cryo to start and make sure that in the little window of the cryo under the load lock that there is movement.
11. When the cryo shows that its temperature has gone down below about 25K you can open the valves for the cryo's to pump out their chambers.