

Safety

- № 1 If **Alarm strobe** goes off, exit from the nearest exit door, gather outside for head count

- № 2 Check the **LN₂** airtight, make sure the AutoLoader **LN₂** refilling is working properly

- № 3 Always **Col. Valves Closed** when leave the chair

- № 4 Check **FEG** and **HT**, in Setup tab, **Operate** and **High Tension** (with 200 kV) should be ON

Check **Gun lens** 5, **Extractor** 4350, **FEG Emission** ~286 uA

- № 5 Check Vacuum, **Accelerator/Column** should be 1/1

Operation

Nº 6 Warnings, Yellow (**Take Action**) Red (**Close Col. Valves** and ask for help)

Nº 7 Double Check **K2 is Retracted** before opening **Col. Valves**

Nº 8 K2 safety, SPA (**Mag 45 kX SS \geq 6**)

SPA-Single Particle Analysis Mag-Magnification SS-Spot Size Ill-Illumination Area (value to be determined)

Nº 9 **DO NOT Change** Gun Alignments (Gun Tilt, Gun Shift)

Nº 10 **DO NOT** edit slot status in AutoLoader

Nº 11 **DO NOT *Restart* DO NOT *Shut Down*** any computers (Arctica or K2)