

# Access

## Restricted vs. Experimental vs. Controlled

**Restricted Access** – anyone with C-A Training can get access to IR or tunnel with appropriate access card (pink for IR, blue for tunnel)

**Experimental Access** – same as restricted access but limited to IR only (no tunnel access)

**Controlled Access** – access limited to 5 people at a time with C-A training, iris scan, and key

# PHENIX Magnets

Before opening the plug door the shift leader needs to decide if it is necessary to power down and lock out the PHENIX magnets.

To prepare for restricted access **ALWAYS** ramp down all the magnets, turn off the power supply and **remove the interlock keys**.

On controlled access the magnets need to be ramped down, turned off and locked out if any of the carriages are moved or someone accesses the central magnet area.

If you cannot put the keys into the lock box, put them in your pocket and hand them to whoever has access to the lock box.

See the magnet operations document for more details.

# Restricted Access to IR or “Experimental Access”

- First Main Control gives “controlled” access to the experimental IR
- Then the shift leader must open the plug door
  - Iris scan
  - Turn and remove key as soon as identification is complete
  - Insert key at plug door and turn key
  - Hold down “open” button until plug door stops automatically

# Restricted Access to IR or “Experimental Access”

- Shift leader must return key
  - Iris scan while key in inserted
  - Turn key back into place as soon as identification is complete
- Call MCR to ask whether IR are must be surveyed by Health Physics Dept.
- If so, wait for Health Physics people to do survey
- MCR will switch access from “controlled” to “restricted”

# Controlled Access

- The plug door must be opened by the shift leader!
- After the key used to open the plug door is returned by the shift leader, a survey of the IR by Health Physics may be necessary
- Then 5 keys are available for controlled access
- Observe 2-person rule
  - “No individual may perform work in IR without another person in the vicinity and aware of the worker’s activities in these areas.”
- Check with shift leader before obtaining key
- **1 key per person – NO EXCEPTIONS!!!!**

# Controlled Access – Procedure for each person who enters IR

- Remove key with the following procedure:
  - Iris scan
  - Turn and remove key as soon as identification is complete
- Go to IR entry gate
- Call MCR at extension 7400
  - Give your name and inform them of your wish to enter IR
  - **DO NOT TOUCH GATE** until you hear buzzer from MCR indicating that you may enter
  - With key in “Experimental Controlled Access,” turn key and open gate when you hear buzzer
  - Enter IR and close gate behind you

# Controlled Access – Procedure for each person who enters and exits IR

- Before exiting IR, you MUST call MCR at 7400 again
  - give your name and inform them that you wish to exit IR
  - DO NOT TOUCH GATE until you hear buzzer from MCR indicating that you may exit
- This procedure to enter and exit the IR must be followed by each person individually
  - 1 key- 1 person - 1 call to MCR outside of gate - 1 entry
  - 1 call to MCR inside of gate – 1 exit
- Return key
  - Iris scan while key in inserted
  - Turn key back into place as soon as identification is complete