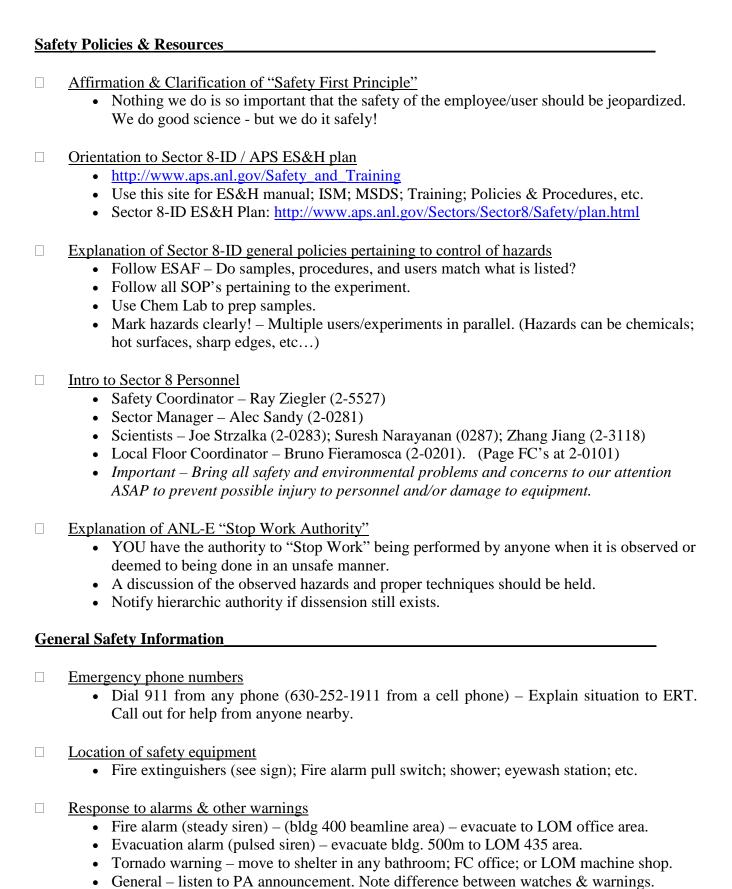
SECTOR 8-ID ORIENTATION CHECKLIST



Electrical Safety & Misc. Items

- Power strips can only be secured with thumb screws. (nothing permanent)
- No "piggy-backs" of extension cords or power strips.
- Storage of unsecured items on top of cabinets over 5 feet high is prohibited.
- LN2 fill station located in bldg 432 loading dock plan ahead if Dewar is needed.
- Radioactive check source is available.

Restrictions on working alone

• Notify other personnel or FC (2-0101) if you will be working alone for more than one hour on any task considered hazardous (handling hazardous chemicals, machining, etc.).

Chem Lab / Shared work areas and egress

- Be mindful of other users keep work areas tidy (especially in the Chem lab) and isles free of clutter and obstructions.
- Must ID any hazards for other users Post MSDS and any relevant SOP's in the appropriate places Chem Lab door; hutch; etc. *Note other user's postings as well!*
- Label ALL chemicals with full chemical name; your name; experiment ID#; and date. Chemical formulas are also helpful. Labels and white tape are available by the fume hood.
- Keep a log for tiny samples/containers.
- Please write legibly and refrain from cryptic ID's such as "sample A1, A2, B1, etc..."
- We recommend starting with new chemicals to avoid possible contamination and delays with the experiment. It is not cost efficient to gamble on used chemicals. (However, this also generates more waste so use your best judgment.)
- Store chemicals in appropriate places flammable cabinet, fume hood; bases; acids; etc. and secure cylinders at all times.
- Use proper PPE at all times safety goggles/glasses; gloves; lab coats, etc.
- Satellite Waste Accumulation Area under fume hood & top shelf of flammable cabinet.
- CLEAN UP YOUR SAMPLES AND SUPPLIES BEFORE YOU DEPART!
- Notify Ray Z. of any waste materials left behind Fill out <u>Chemical Waste Log</u> and approximate percentages of mixed chemicals, if any.

Beamline Safety Information

Sector 8 implementation of the APS Shielding Configuration Policy

- All hutches are shielded and have interlocked doors to protect personnel from harmful x-rays when in operation.
- Do not touch 'Red Tags' in and around the hutches access to these areas are controlled and limited to qualified personnel only.
- Plan ahead if there is a need to run cables thru the hutch labyrinths. (red tag area)

☐ General and beamline-specific operation of the Personnel Safety System

- E-Stop prevents upstream shutter from opening pull out to activate the search buttons.
- E-Stop will shut down the bldg 400 x-ray beam if activated after the hutch doors are closed. This should never be allowed to happen!
- Hutch must be searched! Three search buttons must be activated in order while searching the hutch for personnel, prior to opening the shutter.
- Only one designated individual should perform a search.
- After searching, press and hold the green 'close' button until the door is latched.
- Activate the shutter from the computer or control panel.