

## Beamline Operations and Safety Awareness (BLOSA) Checklist

### Beamline X3B

Rev. 8/16/2006

Visitors shall not use this BLOSA form - use the Visitor/Escort form at each entrance to the Experimental Floor. This BLOSA form is only for those individuals who will work on the beamline. They must have already completed NSLS access training, including GERT and the NSLS Safety Module (users) or Sci/Tech Module (beamline staff).

#### Confirm that Each User:

- Checked in** at User Administration **OR** has **valid BNL ID Badge** encoded for experimental floor access
- Completed **NSLS Safety Training** and **NSLS Radiological Access** Modules **OR training is current**
- Obtained a radiation dosimeter (**TLD**) from User Admin/Control Rm. **only if** the user is: resident staff or works in Bldg. 729, a minor, declared pregnant, working with radioactive materials, following other NSLS ESH requirements.
- Understands they are NEVER allowed to wear another person's TLD.

#### Emergency and Facility Safety

- Emergency phone numbers:** Fire/Medical x2222 or 911, Security x2238, Control Rm x2550, Bldg. Manager x3476
- Operations Coordinator** assistance: see instructions posted on hutch
- Fire alarms: Evacuate** by nearest safe exit and meet on grass outside Main Entrance of Bldg. 725
- Site alarms:** **Continuous Siren** — **Assemble** inside Main Lobby and Seminar Room.  
**Intermittent Siren** — **Evacuate site** immediately; apartment residents go to Berkner Hall
- Nearest exits**, route identification and walkdown
- TV monitoring channels**
- Greenboard safety**
- Eye wash/shower station** locations
- Fire Extinguisher & Fire Alarm Pull Station** locations

#### Beamline Safety

- Beamline Safety** personnel are: Sandeep Rekhi, Babu Manjasetty Mike Sullivan, Wuxian Shi (phones on hutch)
- Emergency STOP button** identification and purpose
- Beamline enabling and pink cards**
- Power failure response** and **circuit breaker** location
- Radiation hazards** and postings
- Safety/Hutch interlock training**
- Beamline safety checklist(s)**
- Experiment Safety Approval Form (SAF)**

#### Beamline Operation

- Manuals and beamline documentation** location
- Staff support: 7AM – 10 PM unless in emergency
- Lab 161 use: fill user request form, identify your station
- No configuration** changes unless approved by PRT
- First shift (8 hrs.) allocated for setup
- Sample preparation at your station only

#### Experimental Procedures

- Gas** use, fill and storage procedures
- Chemical** use, labeling and storage
- Satellite Accumulation Area**
- Beryllium handling and damage cleanup?**
- Before you leave: Fill **End-of-run** form, **disable beam**
- Cryogen** fill station and demonstrate use
- Waste Removal**
- 90 Day Storage Area**
- Electrical:** no work on exposed parts above 50V

*I understand the instructions given to me on beamline operations and safety awareness.*

<b>NSLS Policy:</b> Each user must be instructed in the safe operation of this beamline. Instruction is valid for a maximum of two years. Beamline staff shall keep readily available all relevant instructions and safety literature.  ADDITIONAL TRAINING and/or FORMAL WORK PLANNING may be required for lead handling, use of Class III or IV lasers, laboratory wet chemistry work, etc	<b>Date</b>	<b>PRINT User Name</b>	<b>Guest #</b>	<b>Signature</b>
	<b>DESIGNATED BLOSA TRAINERS for this beamline:</b> [ ] Sandeep Rekhi [ ] Mike Sullivan (Trainer: Check your name here and sign at right) [ ] Wuxian Shi [ ] John Toomey [ ] Don Abel [ ] Babu Manjasetty			