

BeamLine Operations and Safety Awareness (BLOSA) Checklist
Beamline X1A1/X1A2 Rev. 11/07/2004

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 **TLD** from either NSLS User Administration or the NSLS Control Room **ONLY IF** the user a) is Resident Beamline or NSLS Scientific/Professional/Technical staff, b) works in Bldg. 729, c) is a minor, i.e. under 18 years of age, d) has a declared pregnancy, e) is working with radioactive materials, f) is following other NSLS ESH requirements. Otherwise confirm that they know they don't need to wear a badge but can request one if they have any radiation concerns
- Understands they are **NEVER** allowed to wear another person's TLD.

Emergency and Facility Safety

- Emergency phone numbers:** Fire/Medical x2222, Security x2238, Control Rm x2550, Bldg. Manager x3476
- Operations Coordinator** assistance: dial 3456 wait for beep dial 5824 wait for beep dial 5601. The operations coordinator will call back to 5601
- 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 **Eye wash/shower station** locations
- TV monitoring channels** **Fire Extinguisher & Fire Alarm Pull Station** locations
- Greenboard safety**

Beamline Safety

- Beamline Safety** personnel are: *Sue Wirick (631-288-3141), Chris Jacobsen (631-821-0360), Holger Fleckenstein (631-689-1847), Mirna Lerotic (631-246-6228), Ben Hornberger (631-944-0390).*
- Safety interlock training**
- Beamline enabling and pink cards** **Beamline safety checklist(s)**
- Power failure response** and **circuit breaker** location **Experiment Safety Approval Form (SAF)**
- Radiation** hazards and postings Pink Cards

Beamline Operation

- Configuration Control:** Only the following personnel are allowed to make changes to the beamlines' or microscopes' configurations: *Chris Jacobsen, Sue Wirick, Holger Fleckenstein, Ben Hornberger, Mirna Lerotic, Bjorg Larsen, and authorized NSLS staff.*
- Manuals and beamline documentation** location Location of beamline personnel phone numbers
- Location of water and air shutoff valves Computer Operations

Experimental Procedures

- Gas** use, fill and storage procedures **Cryogens** fill station and demonstrate use
- Chemical** use, labeling and storage **Waste Removal**
- Satellite Accumulation Area** **90 Day Storage Area**
- Beryllium** handling and damage cleanup? **Electrical:** no work on exposed parts above 50V

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

	Date	PRINT User Name	Guest #	Signature
NSLS Policy: 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				
	DESIGNATED BLOSA TRAINERS for this beamline: <input type="checkbox"/> Sue Wirick <input type="checkbox"/> Chris Jacobsen <input type="checkbox"/> Holger Fleckenstein <input type="checkbox"/> Mirna Lerotic <input type="checkbox"/> Ben Hornberger			Trainer's Signature:
	Trainer, check your name and sign on the right.			