BeamLine Operations and Safety Awareness (BLOSA) Checklist

Beamline X22C

Rev. 10/10/2003

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/LS Rad Module and NSLS Safety Module).

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 (TLD)** dosimeter 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.
[ ] 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: 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: *Bill Schoenig x2377, Scott Coburn, x7110, John Hill x3736, Ben Ocko x4299*
[ ] **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
[ ] **LN Use and Fill Procedures (goggles & gloves)**
[ ] **Crane operation (not authorized)**
[ ] **BL Vacuum Changes (not authorized)**
[ ] **Spectrometer Limits**
[ ] **Location-purpose of Proteus interlock panel (water flow)**
[ ] **"Check" routines (X22C)**
[ ] **Changing Energy**
[ ] **Beamline Log Book & Checkout Procedures**
[ ] **Beamline Shielding**
[ ] **Power Failure/BL Vacuum & Ion Pumps**

Experimental Procedures

[ ] **Gas** use, fill and storage procedures
[ ] **Chemical** use, labeling and storage
[ ] **Satellite Accumulation Area**
[ ] **Beryllium** *handling and damage cleanup?*
[ ] **Cryogens** 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.

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

Date	PRINT User Name	Guest #	Signature

DESIGNATED BLOSA TRAINERS for this beamline:
[ ] J. Hill [ ] K.J. Thomas
[ ] Y.-J. Kim [ ] B.M. Ocko
(Trainer: Check your name here and sign at right)

Trainer's Signature: