

BeamLine Operations and Safety Awareness (BLOSA) Checklist

Beamline X6A

All users must be instructed in operating the beamline safely. Leave checkbox blank if not applicable. Training valid 2 years. Visitors use Visitor/Escort forms.

EMERGENCIES

- Exits R Locate routes to nearest exits
- Fire Extinguishers R Locate fire extinguisher
- Alarm Pulls R Locate fire alarm pull
- Eye Wash/Shower R Locate eye wash/shower [For labs without eye wash stations, prop open door if using corrosives]
- Spill Station R Locate spill control station
- Green/Yellow Boards R Locate/discuss Green Board (beamline emergency contacts, phones and info) and Yellow Board (safety info)
- Emergency Stop A Locate emergency stop buttons, review purpose and operation

CONTACTS

- OPCO R Refer to instructions posted on the beamline phone for Operations Coordinator (OPCO) Assistance
- Beamline (Offsite) B Refer to Beamline Log Book for offsite phone numbers for Beamline Staff

BEAMLINE OPERATIONS

- Hutch Interlocks A Review hutch interlock operations; emphasize that purpose of interlocks is to prevent injury when beam is on
- User Interlocks B Review procedure for user interlocks
- Enabling Beamline R Review procedures to enable beamline
- Red & Yellow Tags R Provide information about any beamline equipment or systems that are yellow or red tagged
- Beamline Config R Configuration changes to beamline are to be completed by Beamline Staff only
- Pink Cards R Beamline may be unattended up to 24 hours unless SAF states "no unattended operations" (review procedure)

END STATION / EQUIPMENT

- Computer Ops R Reminder to review computer operations, control software, data acquisition software
- End Station Config A Configuration changes to end station equipment are to be completed by Beamline Staff only
- Monochromator B Review procedures for operation of monochromator for energy scans (remote protection of detector)
- Equipment Settings B User is not permitted to change settings on automounter or cryosystem

DOCUMENTATION

- Beamline Manuals R Review location of manuals and beamline documentation (must be readily available)
- Manuals/Documents B Refer to <http://protein.nsls.bnl.gov> >> Run Experiment Manual
- User Help B Refer to <http://protein.nsls.bnl.gov> >> Current Users Help
- Reminders R Identify location of Experimental Reminders list posted at the beamline

LAB & TECH AREAS

- Procedures A Review procedures for use of lab (including request form and PPE) and/or tech space (non-lab) area

EXPERIMENTAL HAZARDS

- Radiation Hazards R Identify radiation locations; inform user to move away from area and call control room if chipmunks sound off
- Chemicals A Review use, labeling, storage, spills, labs, disposal, and transportation of chemicals
- Cryogenics A Cryogen use at beamline or lab: Review filling, demonstrate use, wear PPE (eye and skin protection)
- Beryllium A Identify location of beryllium articles or beryllium windows and procedures for notification in case of breakage
- PPE A Safety glasses are required inside hutches
- Ladders B If ladder in lab is to be used, discuss ladder set up, safety and 3-point rule
- Hazard Analysis R Identify location of beamline hazard analysis form

CLOSE OUT

- Disabling Beam A Secure the beamline but DO NOT disable shutter (this is a beamline staff preference)
- Shipping B For shipping procedures, refer to <http://protein.nsls.bnl.gov> >> Dry Shipper Shipments
- Storage A Review storage procedures for samples

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

Designated BLOSA trainers for this beamline:

PRINT User Name	Guest #	User Signature	Date	Trainer's Signature	√ UAdm

- J. Jakoncic
- K. Qian
- V. Stojanoff
- E. Lazo