

BeamLine Operations and Safety Awareness (BLOSA) Checklist

Beamline U2A

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.

- ACCESS**
- Training - Laser A If Class 3B or 4 laser is required for experiment, verify laser training and eye exam: www.bnl.gov/training
- 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)
- CONTACTS**
- OPCO R Refer to instructions posted on the beamline phone for Operations Coordinator (OPCO) Assistance
- BEAMLINE OPERATIONS**
- 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
- Power Failure A Identify circuit breaker location; contact OPCOs to reset circuit breakers
- 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
- Laser Interlocks B Only beamline staff and OPCOs are permitted to reset laser interlocks
- DOCUMENTATION**
- Beamline Manuals R Review location of manuals and beamline documentation (must be readily available)
- 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
- Radiation UV Ring R Move away from UV ring, mezzanine, platform, transfer lines, and front end during injection
- Cryogenes A Cryogen use at beamline or lab: Review filling, demonstrate use, wear PPE (eye and skin protection)
- Cryogen Fills A Cryogen Filling Station: Review filling, demonstrate use, wear PPE (eye and skin protection)
- Compressed Gas A Review use and storage
- Nano Materials A Verify nano training and, if applicable, review procedures for nano hood and glove box
- PPE B Safety glasses are required inside the hutch when operating the laser
- Hazard Analysis R Identify location of beamline hazard analysis form
- CLOSE OUT**
- Disabling Beam B Be aware of operations at U2B. If a Safety Approval Form (SAF) is posted at U2B, do not disable the U2A shutter. If a SAF is not posted at U2B, close the U2A shutter.
- Housekeeping A Ensure beamline area is neat, clean, free of hazards

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	<input checked="" type="checkbox"/> UAdm

Zhenxian Liu