BeamLine Operations and Safety Awareness (BLOSA) Checklist   Beamline X16B

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
- ☐ Commissioning   B   Beamline is in COMMISSIONING status. Only beamline staff may perform operations.
- ☐ General Users   B   General user experiments are not performed at this "Diagnostic and Instrumentation" beamline

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 OPERATIONS
- ☐ Hutch Interlocks   A   Review hutch interlock operations; emphasize that purpose of interlocks is to prevent injury when beam is on
- ☐ 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
- ☐ End Station Config   A   Configuration changes to end station equipment may be completed by User (review procedures & change limits)
- ☐ Equipment Vacuum   A   User is permitted to perform vacuum work and bleed ups on end station equipment (review procedures)
- ☐ Optics   A   Review optical system set up and procedures

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

EXPERIMENTAL HAZARDS
- ☐ Radiation Hazards   R   Identify radiation locations; inform user to move away from area and call control room if chipmunks sound off
- ☐ Electrical   A   Some detectors have high voltage; use caution
- ☐ Beryllium   A   Identify location of beryllium articles or beryllium windows and procedures for notification in case of breakage
- ☐ Hazard Analysis   R   Identify location of beamline hazard analysis form

CLOSE OUT
- ☐ Disabling Beam   A   Secure the beamline and disable shutter/beam before you leave

I understand the instructions given to me on beamline operations and safety awareness.   Designated BLOSA trainers for this beamline: ☐ C. Nelson

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