BeamLine Operations and Safety Awareness (BLOSA) Checklist   Beamline X13B

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 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 Beamline Staff or OPCO to reset circuit breakers
- ☐ Water Valves — A — Only beamline staff or OPCOs are permitted to adjust water shut-off valves
- ☐ Air Valves — A — Only beamline staff or OPCOs are permitted to adjust air shut-off valves
- ☐ 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
- ☐ 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
- ☐ Prevent Injuries — B — Use caution when opening hutch door due to space limitation outside of hutch
- ☐ Prevent Injuries — B — Use caution when standing inside hutch due to limited space; hutch door is heavy
- ☐ 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:
☐ K. Evans-Lutterodt
☐ J. Ablett

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