BeamLine Operations and Safety Awareness (BLOSA) Checklist   **Beamline U13UB**

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)

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
- ☐ Storage Ring Vacuum — A — Review procedures for vacuum work and bleed ups to upstream/front end machine vacuum; contact OPCO before proceeding
- ☐ 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

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
- ☐ Radiation UV Ring — R — Move away from UV ring, mezzanine, platform, transfer lines, and front end during injection
- ☐ Cryogens — A — Cryogen use at beamline or lab: Review filling, demonstrate use, wear PPE (eye and skin protection)
- ☐ Hazard Analysis — R — Identify location of beamline hazard analysis form

CLOSE OUT
- ☐ Disabling Beam — B — Secure the beamline and contact the OPCO to disable the shutter/beam before you leave

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

Designated BLOSA trainers for this beamline:
- ☐ S. Hulbert
- ☐ Q.-Y. Dong
- ☐ T. Valla
- ☐ H.-B. Yang
- ☐ J. Rameau