### ACCESS/POLICY
- ☐ F Prohibited Areas: Access to FOE, mezzanine areas above hutch roof, staircase not permitted
- ☐ F Signs and Placards: Locate and discuss all posted signs and placards (Hazard Info Placard, contact info, PPE)
- ☐ F Safety Approval Form: Users must review SAF; review controls and other training for SAF or beamline
- ☐ F Lead Experimenter: Lead Experimenter must ensure that safety, training, and reporting requirements are completed

### EMERGENCIES
- ☐ F FLOCO/Control Rm: Discuss when to contact a Floor Coordinator (FLOCO) and the Control Room for assistance
- ☐ F Beamline/ESH Staff: Discuss when to contact Beamline Staff/ESH for assistance and operations (emergency contact info, phones)
- ☐ F Emergencies: Discuss emergency response and accountability responsibilities. Locate assembly, shelter-in-place areas, exits, and fire alarm pull boxes
- ☐ F Eye Wash/Shower: Locate eye wash/shower
- ☐ F Spill Station: Locate spill control station
- ☐ F Radiation Monitors: Identify radiation monitor locations, move away from area, call control room if area monitors alarm
- ☐ F Oxygen Monitors/Alarms: Locate hutch ODH monitors, discuss alarm response, verify green light is on, discuss LOB receiving room access

### BEAMLINE SAFETY
- ☐ F Configuration Control: Identify the configuration control signs and follow configuration control policy
- ☐ EB Cryogen Lines: Discuss allowed operations with transfer lines, review operations
- ☐ EB Equip E-Stops: Show locations, review when to use emergency stops, and if authorized to reset
- ☐ EB Hutch Access: Train user for Beamline Hutch Search and Secure and Breaking Security. Locate emergency beam stop buttons, discuss purpose and operation. Do not shut the hutches down when inside. Be aware of moving door hazards
- ☐ EB LN2 Shut Off: Review operation for LN2 shutoff button, and when to use them
- ☐ F User Authorization: User is authorized to operate ONLY the equipment the user has been trained on - review operation and hazards
- ☐ EB User Labyrinth: Discuss proper steps and precautions to take for use of the user labyrinths

### GENERAL SAFETY
- ☐ EB Chemicals: Discuss use, labeling, storage, spills, labs, disposal, and transportation of chemicals
- ☐ EB Cryogen Use: For cryogen/cryostat use, discuss fill operations, ODH, demonstrate use, wear PPE (eye and skin protection)
- ☐ F Electrical Work: No work on exposed electrical components (>50V and either >5mA AC or 25 mA DC or >10KV at any current) without appropriate procedures and electrical training
- ☐ EB Magnetic Fields: Magnetic fields present at this beamline - Users with medical devices/implants should stay away from source

### WASTES
- ☐ EB Hazardous Wastes: Do not generate hazardous wastes without talking with beamline staff.
- ☐ EB Waste Location: Show relevant waste collection areas and discuss training requirements (sharps, razor blades, pipet tips, broken glass, hazardous waste Satellite Accumulation Area/SAA)

### CLOSE OUT
- ☐ B1 Samples (Take Home): Take samples back to home institution
- ☐ B2 Samples (Storage): Review storage process for samples
- ☐ B3 Samples (Store or Ship): Discuss with beamline staff whether to store samples or ship back to home institution and confirm before leaving
- ☐ EB Shipping Haz Mat: Review shipping process for hazardous materials
- ☐ F End of Run Form: Complete the End of Run form for NSLS-II
- ☐ F Housekeeping: Check housekeeping (beamline area neat, clean, free of hazards), ensure tools/equipment returned or stored
- ☐ F2 Publications: Send a copy of your publication to [NSLS-II User Administration](#) the beamline

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*During initial form development: If there is a number next to the designation (e.g., B1, B2, etc), select the most appropriate content.*
NSLS-II Beamline Specific Training Form 11-ID

Course Code PS-BST-11-ID

Rev Date: 3/4/2019

Instructions to Trainer:

SAF #

Instructions to User:

Trainer: Place √ next to your name:

- Fluerasu, Andrei
- Wiegart, Lutz
- Zhang, Yugang

Ensure your name and life number are correct and sign the space below that you understand the instructions provided to you in this training.

PRINT User Name | Life # | User Signature | Date | Trainer's Signature | √Training Entered
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(1) Provide training for each checkbox to each user listed on the SAF as they arrive and complete the information below. If a checkbox does not apply, cross out that line. Training is valid for 1 year at this beamline only. (2) Send completed forms to NSLS-II Training, Building 741, immediately after all users listed on the SAF (who plan to arrive for this run) have been trained. Training will be entered in the user's training history.

[EB] Determined by ESH and Beamline  [F] Required by Facility for ALL Beamlines

During initial form development: If there is a number next to the designation (e.g., B1, B2, etc), select the most appropriate content.