NSLS-II Beamline Specific Training Form 4-BM

Course Code PS-BST-4-BM

Rev Date: 06/10/2021

ACCESS/POLICY
☐ F Prohibited Areas
☐ F Signs and Placards
☐ F Safety Approval Form
☐ F Lead Experimenter

Access to FOE, mezzanine areas above hutch roof, staircase not permitted
Locate and discuss all posted signs and placards (Hazard Info Placard, contact info, PPE)
Users must review SAF; review controls and other training for SAF or beamline
Lead Experimenter must ensure that safety, training, and reporting requirements are completed

EMERGENCIES
☐ F FLOCO/Control Rm
☐ F Beamline/ESH Staff
☐ F Emergencies
☐ F Eye Wash/Shower
☐ F Spill Station
☐ F Radiation Monitors
☐ F Oxygen Monitors/Alarms
☐ EB Gas Alarms

Discuss when to contact a Floor Coordinator (FLOCO) and the Control Room for assistance
Discuss when to contact Beamline Staff/ESH for assistance and operations (emergency contact info, phones)
Discuss emergency response and accountability responsibilities. Locate assembly, shelter-in-place areas, exits, and fire alarm pull boxes
Locate eye wash/shower
Locate spill control station
Identify radiation monitor locations, move away from area, call control room if area monitors alarm
Locate hutch ODH monitors, discuss alarm response, verify green light is on, discuss LOB receiving room access
Discuss any gas systems and alarms in the area, and the appropriate response to alarms

BEAMLINE SAFETY
☐ F Configuration Control
 ☐ EB Equip E-Stops
 ☐ EB Hutch Access
 ☐ F User Authorization

Identify the configuration control signs and follow configuration control policy
Show locations, review when to use emergency stops, and if authorized to reset
Train user for Beamline Hutch Search and Secure and Breaking Security. Locate emergency beam stop buttons, discuss purpose and operation. Do not shut the hatch door with anyone inside. Be aware of moving door hazards
User is authorized to operate ONLY the equipment the user has been trained on - review operation and hazards

GENERAL SAFETY
☐ EB Beryllium
☐ F Electrical Work

Identify location of beryllium articles or beryllium windows and process for notification in case of breakage
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

WASTES
☐ EB Hazardous Wastes
☐ EB Waste Location

Do not generate hazardous wastes without talking with beamline staff.
Show relevant waste collection areas and discuss training requirements (sharps, razor blades, pipet tips, broken glass, hazardous waste Satellite Accumulation Area/SAA)

CLOSE OUT
☐ B3 Samples (Store or Ship)
☐ F End of Run Form
☐ F Housekeeping
☐ F2 Publications

Discuss with beamline staff whether to store samples or ship back to home institution and confirm before leaving
Complete the End of Run form for NSLS-II
Check housekeeping (beamline area neat, clean, free of hazards), ensure tools/equipment returned or stored
Send a copy of your publication to ☑ NSLS-II User Administration ☑ the beamline

[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.
Instructions to Trainer: SAF or ESR #

(1) Provide training for each checkbox to each lab user. If a checkbox does not apply, cross out that line or write N/A. User must be listed on the SAF and/or ESR. Complete information below. Training is valid for 2 years for this lab only. (2) Send completed forms to NSLS-II Training, Building 745, immediately after all users listed on the SAF (who plan to use this lab) have been trained. Training will be entered in the user's training history.

Instructions to User:

Ensure that your name and life number are correct. Sign below that you understand and agree to comply with the instructions provided to you in this training.

<table>
<thead>
<tr>
<th>PRINT User Name</th>
<th>Life #</th>
<th>User Signature</th>
<th>Date</th>
<th>Trainer's Signature</th>
<th>√ Training Entered</th>
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Trainer: Place √ next to your name:
- Nicholas, Sarah
- Tappero, Ryan

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