

APS220 – SECTOR 20 ORIENTATION RECORD

Name: _____

Badge #: _____

Date: _____

GENERAL SAFETY POLICIES AND RESOURCES

- ___ Affirmation and clarification of the safety first principal, explanation of ANL-E “stop work authority” policy
- ___ Emergency phone numbers: 911 or 630-252-1911 from cell phone
- ___ Recent safety communications (Safety Notices, Lessons Learned etc.)
- ___ Explanation of Sector-20 policies pertaining to control of hazards – instructions in ESAF
- ___ Requirements for the use of safety eyewear and other PPE (personal protective equipment)
- ___ Introduction to the Sector-20 Safety Coordinator and the CAT Manager, and affirmation of the importance of bringing all safety and environmental concerns to their attention
- ___ Policy for doing electrical work, inspections of user electrical equipment, and using power strips and extension cords

WHERE TO FIND...

- ___ Safety equipment (fire extinguisher, shower, eyewash, etc.) and emergency phone numbers
- ___ Safety eyewear and other personal protective equipment
- ___ Beamline software manual and troubleshooting information
- ___ User lounge, key locker and keys to LOM in dry lab
- ___ Utility shutoffs for electricity, water and compressed gasses

SECTOR-SPECIFIC SAFETY POLICIES

- ___ Response to alarms and other warnings
- ___ Storage of chemicals, gas cylinders and other items (nothing can be stored on top of cabinets)
- ___ Procedure for obtaining and using liquid nitrogen
- ___ Sample preparation should be done in chem. lab (435E-030) or dry lab (435E-020) only
- ___ Procedures for shipping chemicals and disposing of hazardous waste
- ___ Work areas should be kept neat and organized, and sanitized when work is complete
- ___ Borrowed tools and hardware should be sanitized and returned to where it belongs when work is complete
- ___ Orientation to the implementation of the APS Shielding Configuration Policy
- ___ Operation of Personal Safety Systems (PSS), and Equipment Protection Systems (EPS)
- ___ Encourage completion of an End of Run report at the conclusion of the beamtime

Signature: _____ Date: _____ Trained By: _____

Sector-20 Research Policy and Statement of Acknowledgments

The Pacific Northwest Consortium beamlines at Sector 20 of the Advanced Photon Source are a publicly funded facility, both American and Canadian. The success and continued operation of the Sector-20 facility is determined entirely by the calibre of the research conducted on both its insertion device and bending magnet beamlines. The measure of that success is based on the appearance of results from Sector-20 related experiments in the public domain: in refereed publications, conference proceedings or other published and generally available media

To this end, it is the policy of the Sector-20, as part of the APS community, to accept users for the purpose of conducting non-proprietary research, the results from which will be available in the literature in a reasonable time frame (within approximately 2 years). Users wishing to conduct proprietary research at sector 20 should do so through the APS General User program.

To properly reflect the support and funding for the Sector-20 beamlines, the Statement of Acknowledgments in any publication should incorporate the following:

Sector-20 facilities at the Advanced Photon Source, and research at these facilities, are supported by the US Department of Energy - Basic Energy Sciences, the Canadian Light Source and its funding partners, and the Advanced Photon Source. Use of the Advanced Photon Source, an Office of Science User Facility operated for the U.S. Department of Energy (DOE) Office of Science by Argonne National Laboratory, was supported by the U.S. DOE under Contract No. DE-AC02-06CH11357.

I have read and understood the Sector-20 policy statement and agree that my research at Sector-20 will reflect this.

Printed Name:

Signature: _____