

<b>X22B SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: C</b>	<b>Effective: 5/24/2010</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0049
Prepared by: Philip Marino		Reviewed by: P. Marino	<b>Approved by: B. Chmiel</b>

Original signatures on file.

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- 1. Valid Padlock Index and log, no locks open.

## **X21 SIDE OF BEAMLIN**

- 2. Exclusion Zone (EZ #1) between Isolation Valve and Bremsstrahlung shield (BS #1).
- 3. Bremsstrahlung shield (BS #1) in place and banded see photo 1.
- 4. Exclusion Zone (EZ #2) downstream of Bremsstrahlung shield (BS #1)
- 5. Lead shield downstream of Exclusion Zone (EZ #2)
- 6. Vacuum Bellows #1 wrapped in lead upstream of Exclusion Zone (EZ #3)
- 7. Exclusion Zone (EZ #3) upstream of Bremsstrahlung shield (BS #2)
- 8. Bremsstrahlung shield (BS # 2) in place and banded see photo 2.
- 9. Lead shield downstream of Bremsstrahlung shield (BS # 2).

## **X23A2/A3 SIDE OF BEAMLIN**

- 10. Vacuum Bellows #2 wrapped in lead upstream of Bremsstrahlung shield (BS #3).
- 11. Bremsstrahlung shield (BS # 3) in place and banded see photo 3.

## **X21 SIDE OF BEAMLIN**

- 12. Scatter shielding on beamline slits and leaded glass on Viewport. see photo 3A.
- 13. Scatter shielding on Bellows and Be Window 2B. see photo 3A

## **INSIDE OF X22B HUTCH**

- 14. Beam stop (BS-10) (inside hutch). See photo 4.
- 15. Exclusion Zone (EZ #4) around Monochromator inside hutch.

OPCO / Beamline Staff: \_\_\_\_\_ Date: \_\_\_\_\_

## **USER SYSTEM CHECKS**

- A. Check Monochromator purge log and pressure gauge. Pressure should read positive 1 to 3 psi. If not, notify Bill at x2377, or Scott at x7110.

Beamline Rep.: \_\_\_\_\_ Date: \_\_\_\_\_