

X22B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: B	Effective: 5/24/07	Page 1 of 2	Number: LS-SCL-0049
Reviewed by: Thomas McDonald		Reviewed by:	Approved by: J. Aloï

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: _____

X4A SAFETY CHECKLIST

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