

<b>X10A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: B</b>	<b>Effective:5/24/07</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0021
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Original signatures on file.

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**X10A CAN ONLY OPERATE IN THE FOCUSED MONOCHROMATIC BEAM CONFIGURATION**

- 1. Valid Padlock Index and log, no padlocks open
- 2. Bremsstrahlung shield (BS #1) in place and banded as per photo
- 3. Exclusion Zone (EZ #1) wire mesh in place.
- 4. Exclusion Zone (EZ #2) wire mesh in place
- 5. Bremsstrahlung shield (BS #2) in place and banded as per photo
- 6. Exclusion Zone (EZ #3) wire mesh in place.
- 7. Bremsstrahlung shield (BS #3) in place and banded as per photo
- 8. Exclusion Zone (EZ #4) wire mesh in place.
- 9. Slit view port covered with lead
- 10. Mirror shields (3) in place, scatter shielding as per photo
- 11. Exclusion Zone (EZ #5) wire mesh in place
- 12. Bremsstrahlung shield (BS #4) in place and banded as per photo
- 13. Exclusion Zone (EZ #6) wire mesh in place
- 14. Exclusion Zone (EZ #7) wire mesh in place
- 15. Bremsstrahlung shield (BS #5) in place and banded as per photo
- 16. Exclusion Zone (EZ #8) wire mesh in place
- 17. Exclusion Zone (EZ #9) wire mesh in place
- 18. Slit view port covered with lead
- 19. Monochromator leaded glass windows (3) shielded as per photo
- 20. Exclusion Zone (EZ #10) wire mesh in place
- 21. Bremsstrahlung shield (BS #6) in place and banded as per photo

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

USER SYSTEM CHECKS

- A. Beamline Isolation Valve Open
- B. Mirror Isolation valve open
- C. Monochromator isolation valve open

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