

X16B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: C	Effective: 5/24/2010	Page 1 of 1	Number: LS-SCL-0035
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Original signatures on file.

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- 1. Valid Padlock Index and log, no locks open
- 2. Lead Exclusion Zone (EZ # 1) in place and secure.
- 3. Bremsstrahlung Shielding (BS # 1) banded and secure.
- 4. Exclusion Zone (EZ # 2) in place and secure from BS # 1 to EZ # 3.
- 5. Exclusion Zone (EZ # 3) in place and secure.
- 6. Bremsstrahlung Shielding (BS # 2) banded and secure.
- 7. View ports (5) covered with lead plates.
- 8. Exclusion Zone (EZ # 4) in place and secure. Upstream of checkpoint 9
- 9. Bremsstrahlung Shielding (BS # 3) banded and secure.
- 10. Exclusion Zone (EZ # 5) in place and secure.
- 11. Exclusion Zone (EZ # 6) in place and secure just upstream of X16C hutch.
- 12. Inside of X16C hutch Exclusion Zone (EZ # 7) in place and secure.
- 13. Bremsstrahlung Shielding (BS # 4) in place and secure.
- 14. Lead Exclusion Zone (EZ # 8) in place and secure from BS #4 to BS #5.
- 15. Bremsstrahlung Shielding (BS # 5) banded and secure.
- 16. Exclusion Zone (EZ # 9) in place and secure.
- 17. Exclusion Zone (EZ # 10) in place and secure.
- 18. View port covered with leaded glass.
- 19. Scatter shielding on beamline components as per photo.
- 20. Exclusion Zone (EZ # 11) in place and secure.
- 21. Bremsstrahlung Shielding (BS # 6) banded and secure.

OPCO / Beamline Staff: _____ Date: _____

User System Checks

- A. Water is flowing to all water-cooled components (6 green lights on user interlock panel)
- B. Adequate vacuum throughout beamline (1 green light on user interlock panel)

Beamline Rep.: _____ Date: _____