

X6A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: B	Effective: 5/24/07	Page 1 of 1	Number: LS-SCL-0013
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Original signatures on file.

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1. Valid Padlock Index and log, no padlocks open

CHECKPOINTS 2-14 ARE LOCATED ON THE X7 SIDE OF THE BEAMLINE

- 2. Exclusion Zone (EZ #1) between shield wall to Bremsstrahlung shield (BS #1) As per photo 1
- 3. Bremsstrahlung shield (BS #1) in place and secure as per photo 1.
- 4. White beam positioner wrapped in lead as per photo 1.
- 5. White beam slits wrapped in lead as per photo 2.
- 6. Monochromator covered in lead, View port (VP #1) covered with lead glass and secured, Electrical feed through (EF #1) covered with lead and secured, as per photo 2.
- 7. Lead Exclusion Zone (EZ #2) in place and secured
- 8. View port (VP #2) covered with lead and secured. Located on mirror tank.
- 9. View port (VP #3) covered with lead and secured. Located on mirror tank.
- 10. Bremsstrahlung shield (BS #2) in place and secured. as per photo 3.
- 11. Phosphor Screen tank wrapped in lead. View port (VP #4) covered in lead and secured as per photo 3.
- 12. Lead Exclusion Zone (EZ #3) in place and secured
- 13. Photon shutter buried inside lead bricks in place and secured as per photo 4.
- 14. Bremsstrahlung shield (BS # 3) in place and banded as per photo 4.

CHECKPOINT 15 IS LOCATED INSIDE OF THE X6A HUTCH

15. Beam stop secured and in place inside the experimental hutch as per photo 5.

OPCO / Beamline Staff: _____ Date: _____

USER INTERLOCK

- A. User interlock lights all green. Located outside on the back wall of X6B experimental hutch.

Beamline Rep.: _____ Date: _____