

X9B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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THE FOLLOWING MUST BE CHECKED STARTING FROM THE SHIELD WALL

ON THE X10 SIDE OF THE BEAMLIN

ALL EXCLUSION ZONES ARE BLACK FOLDED ALUMINUM BOXES.

- 1. Valid Padlock Index, no padlocks open.
- 2. Scatter shield covering Bremsstrahlung shield (BS1) as per photo 1.
- 3. Exclusion Zone (EZ1) in place as per photo 1.
- 4. Bremsstrahlung shield (BS2) as per photo 1.
- 5. Scatter shield covering Ion pump 1 as per photo 2.
- 6. Exclusion Zone (EZ2) in place as per photo 2.
- 7. Bremsstrahlung shield (BS3) as per photo 3.
- 8. Exclusion Zone (EZ3) in place as per photo 3.
- 9. Scatter shield on slits as per photo 4.
- 10. Exclusion Zone (EZ4) in place as per photo 5.
- 11. Scatter shield covering Ion pump 2 as per photo 5.

Inside of X9A hutch

- 12. Exclusion Zone (EZ5) in place.

Downstream of X9A hutch

- 13. Exclusion Zone (EZ6) in place as per photo 6.
- 14. Bremsstrahlung shield (BS4) as per photo 6.
- 15. Scatter shield covering monochromator as per photo 7.
- 16. Bremsstrahlung shield (BS5) as per photo 7.
- 17. Vacuum Bellows 1 wrapped in lead as per photo 7.
- 18. Vacuum Bellows 2 wrapped in lead as per photo 8.

Checked by: _____ Date: _____

OPCO: _____ Date: _____