

X9A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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Reviewed by: Thomas McDonald		Reviewed by:	Approved by: A. Ackerman

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THE FOLLOWING MUST BE CHECKED STARTING FROM THE SHIELD WALL

- 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. Scatter shield as per photo 1.
- 5. Exclusion Zone (EZ2) in place as per photo 1.
- 6. Scatter shield as per photo 2.
- 7. Exclusion Zone (EZ3) in place as per photo 2.
- 8. Vacuum Bellows (VB1) wrapped in lead as per photo 2.
- 9. Bremsstrahlung shield (BS3) as per photo as per photo 2.
- 10. Viewport covered in lead glass as per photo 3.
- 11. Bremsstrahlung shield (BS4) as per photo as per photo 3.
- 12. Mirror tank covered in lead two Viewports covered in Leaded Glass as per photo 4.

Inside of X9A hutch

- 13. Scatter shield covering beampipe.

Downstream of X9A hutch

- 14. Bremsstrahlung shield (BS5) Beamstop as per photo 5.

Checked by: _____ Date: _____

OPCO: _____ Date: _____