

<b>X7B SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: E</b>	<b>Effective: 6/27/2011</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0016
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Original signatures on file.

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1. Valid Padlock Index and log, no padlocks open

### Checkpoints 2-5 are on the X6 side of the beamline.

2. Exclusion Zone (EZ #1) in place and banded  
 3. Bremsstrahlung shield (BS # 1) in place and banded.  
 4. Bremsstrahlung shield (BS # 2) in place and banded.  
 5. Bremsstrahlung shield (BS # 3) in place and banded.

### Checkpoints 6-10 are on the X8 side of the beamline.

6. Viewport on T section covered with leaded glass.  
 7. Shielding on Slit tank assembly and monochromator as per photo  
 8. Viewports (3) on monochromator covered with leaded glass.  
 9. Bremsstrahlung shield (BS # 4) in place and banded. .  
 10. Viewport (VP #6) on Combination slit assembly covered with lead glass window.

### Checkpoint 11 is on the X6 side of the beamline.

11. Viewport (VP #7) on Combination slit assembly covered with lead glass window. Located between X7A and X7B hutches.  
 12. Lead brick in place inside of X7B hutch.

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

#### USER SYSTEM CHECKS

- A. Check that water is flowing through Proteus #1 for Be window.  
 B. Check that water is flowing through Proteus #2 for the Slits.  
 C. Check that water is flowing through Proteus #3 for the Mono.  
 D. Check that beam line Vat valve #1 and Vat valve #2 are open.  
 E. Check that beam line valve #3 is open.  
 F. Check that the Beamline interlocks are satisfied.

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

