

<b>X19A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: C</b>	<b>Effective:05/6/2010</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0002
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Original signatures on file.

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- 1. Plastic foam exclusion zone in place and banded
- 2. Bremsstrahlung shield BS#3 in place and banded, as in photograph
- 3. Straight-through Valve V1A open
- 4. Perforated aluminum exclusion zone EZ#1 in place and banded
- 5. Collimating mirror tank wrapped in lead sheet and banded as per photo
- 6. Perforated aluminum exclusion zone EZ#2 in place and banded
- 7. Straight-through Valve V2A open
- 8. Bremsstrahlung shield BS#4 in place and banded, as in photograph
- 9. Monochromator turbo pump isolation valve closed on the Balzer Pfeiffir
- 10. Monochromator tank wrapped in lead sheet and banded as per photo
- 11. Glass viewport, located on the side of the monochromator tank, covered with leaded plexiglass and lead sheet, secured in place
- 12. Bremsstrahlung shield BS#5 in place and banded, as in photograph
- 13. Straight-through Valve V3A open
- 14. Perforated aluminum box in place and banded
- 15. Perforated aluminum exclusion zone EZ#3 in place and banded
- 16. Bremsstrahlung shield BS#6 in place and banded, as in photograph
- 17. Straight-through Valve V4A open
- 18. Perforated aluminum exclusion zone EZ#4 in place and banded
- 19. Perforated aluminum cover on fast valve in place and banded
- 20. Perforated aluminum exclusion zone EZ#5 in place and banded
- 21. Bremsstrahlung shield BS#7 in place and banded, as in photograph
- 22. Glass viewport covered with leaded plexiglass and lead sheet, secured in place
- 23. Perforated aluminum exclusion zone EZ#6 in place and banded
- 24. Bremsstrahlung shield BS#8 in place and banded, as in photograph
- 25. Glass viewport, located on top of the combined slit assembly, covered with leaded plexiglass and lead sheet, secured in place

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

### User System Checks

- 26. Users interlock system indicates flow of water through water-cooled slits and through the monochromator cooling system, and shows all valves open

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