

<b>X24A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: B</b>	<b>Effective: 4/1/04</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0054
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Original signatures on file.

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- 1. Valid Padlock checklist and log, no locks open.
- 2. Bremsstrahlung shield (BS #1) between GV1 and Mirror Box #1 is banded as per photo.
- 3. Exclusion Zone # 1 (EZ#1) between monochromator and GV2, defined by polystyrene is identified and secured.
- 4. The 6" viewport located on the side of monochromator tank is covered by lead glass.
- 5. Exclusion Zone # 2 (EZ#2) between monochromator and GV4, defined by polystyrene is identified and secured.
- 6. Bremsstrahlung shield (BS # 2) between the monochomator and GV4 in place and banded. As per photo.

**OPTIONAL: (USED FOR GAS PHASE EXPERIMENTS)**

- 7. The non-breakable beryllium or Mylar window installed between GV8 and experimental chamber is secured with #13 flange lock (and # 14 if necessary).

**Note:** NSLS safety policy exempts X24A experimental chamber flanges from being locked, unless a non-breakable window is installed. X24A experimental chamber is defined as the hardware installed downstream of GV7.

Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

OPCO: \_\_\_\_\_ Date: \_\_\_\_\_