

X6B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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Original signatures on file.

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- 1 Valid Padlock Index and log, no padlocks open.

CHECKPOINTS 2-13 ARE LOCATED ON THE X7 SIDE OF BEAMLIN

2. Exclusion Zone (EZ #1) between shield wall to Bremsstrahlung shield (BS #1), in place and secure as per photo
3. Bremsstrahlung shield (BS #1) in place and secure as per photo
4. White beam positioner wrapped in lead as per photo
5. Bremsstrahlung shield (BS #2) in place and secure as per photo
6. Primary Slits must be wrapped in lead as per photo
7. Monochromator wrapped in lead. Electrical feed through (EF #1) covered with lead and secured. Viewport (VP #1) covered with lead glass and secured. Located on monochromator tank as per photo
8. Viewport (VP #2) covered with lead and secured. Located on mirror tank.
9. Viewport (VP #3) covered with lead and secured. Located on mirror tank.
10. Phosphor Screen tank wrapped in lead as per photo
11. Viewport (VP #4) covered with lead glass and secured. Located on Phosphor Screen tank as per photo
12. Photon shutter tank buried inside lead bricks in place and secured as per photo
13. Bremsstrahlung shield (BS #3) in place and banded. Located downstream of Photon shutter as per photo

CHECKPOINT 14 IS LOCATED IN THE X6B HUTCH

14. Beam stop secured and in place inside the experimental hutch as per photo

OPCO / Beamline Staff: _____ Date: _____

USER INTERLOCK

- A. Vacuum gauges show acceptably low values. 11 indications, all in one short rack, behind Beamline.
- B. Three VAT valves indicate "open" and water flow interlocks indicate "satisfied". Located on X6B hutch.

Beamline Rep.: _____ Date: _____