

X28C SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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Original signatures on file.

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Note: The upstream section of this beamline has been posted as a Radiation area. This part of the beamline includes Bremsstrahlung shielding (BS #1).

- 1. Valid padlock Index and log, no padlocks open.
- 2. Bremsstrahlung shielding (BS #2) in place and banded as per photo 1.
- 3. Pinhole shielding in place
- 4. Bremsstrahlung shielding (BS #3) in place and banded as per photo 2.
- 5. Bellows covered with lead and banded
- 6. Scatter Shield on Valve assembly and beam pipe as per photo 3.
- 7. 3 Viewports covered on mirror tank as per photo 4.
- 8. Bremsstrahlung shielding (BS #4) in place and banded as per photo 5.
- 9. Exclusion Zone (EZ #1) lead shielding around Bellows in place and banded.
- 10. Scatter shields in place and banded as per photo 6.
- 11. Exclusion Zone (EZ # 2) foam pad under X28C beam pipe in place and secure.
- 12. Exclusion Zone (EZ # 3) between X28B and X28C hutches in place and secure.
- 13. Bremsstrahlung shielding (BS #6) in place and banded as per photo inside X28C hutch.

FOR DARK ROOM OPERATION ONLY

- 14. Aluminum plate on curtain snapped in place inside of X28C hutch

OPCO / Beamline Staff: _____ Date: _____