

U12A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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A. FRONT-END VACUUM

With mask closed, or no beam in the machine, pressure must be 2.0×10^{-9} or less.

B. BEAMLINE ISOLATION VALVES

All beamline isolation valves must be unsealed and in the open position.

C. NUMBERED CHECKPOINTS

The following checkpoints start at the Front End. The purpose of the list is to ensure that all shielding and exclusion zones are in place and secured. Refer to Beamline Diagram.

- 1. Bremsstrahlung Shielding (BS # 1) banded and secure as per photo.
- 2. Front Mirror box glass View ports covered for protection (2 8" ports on U11 side of beamline).
- 3. Exclusion Zone (EZ # 1) in place and secure.
- 4. Bremsstrahlung Shielding (BS # 2) banded and secure as per photo.
- 5. Exclusion Zone (EZ # 2) in place and secure.
- 6. Bremsstrahlung Shielding (BS # 3) banded and secured under EZ #2 as per photo.
- 7. All visible light view port covers in place and secure.

OPCO / Beamline Rep.: _____ Date: _____