

U16B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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- A. Front End Vacuum**
With the 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 (V1B, V2B, V3B and V4B) 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 drawing for locations of BS-1 and BS-2.
 - 1. Exclusion Zone (EZ #1) in place and secure as per photo.
 - 2. Bremsstrahlung Shielding (BS #3) in place and secure.
 - 3. Bremsstrahlung Shielding (BS #4) in place and secure under EZ #1.
 - 4. All visible light view port covers in place and secure.

OPCO / Beamline Rep.: _____ Date: _____