

<b>U11A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: C</b>	<b>Effective: 5/24/2010</b>	<b>Page 1 of 1</b>	Number: LS-SCL- 0080
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**A. FRONT-END VACUUM**

With mask closed, or no beam in the machine, pressure must be  $2.0 \times 10^{-9}$  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 U4B Beamline Diagram.

- 1. Bremsstrahlung Shielding/Ring shielding in place as per photo.
- 2. Bremsstrahlung Shied (BS #2) in place and secure as per photo.
- 3. Bremsstrahlung Shied (BS #3) in place and secure as per photo.

OPCO / Beamline Rep.: \_\_\_\_\_ Date: \_\_\_\_\_