

<b>U8B SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: B</b>	<b>Effective: 5/24/2007</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0075
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### **A. FRONT END VACUUM**

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

- 1. Exclusion Zone #1 (EZ #1) between the shield wall and BS#1 as per photo
- 2. Bremsstrahlung Shielding BS #1 in place and banded as per photo.
- 3. Bremsstrahlung Shielding BS #2 in place and banded as per photo
- 4. Exclusion Zone #2 (EZ #2) between BS #1 and BS #4 as per photo
- 5. Exclusion Zone #3 (EZ #3) between BS#1 and BS# 5 as per photo
- 6. Bremsstrahlung Shielding BS #3 in place and banded as per photo
- 7. Bremsstrahlung Shielding BS #4 in place and banded as per photo
- 8. Bremsstrahlung Shielding BS #5 in place and banded as per photo

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