

<b>U15A 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- 0085
Reviewed by: Thomas McDonald		Reviewed by:	<b>Approved by: J. Aloï</b>

Original signatures on file.

The only official copy of this file is the one on-line in the NSLS Quality Assurance website. Before using a printed copy, verify that it is the most current version by checking the document effective date on the NSLS QA website.

\_\_\_ **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 (V1, V2, V3) 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 U15A Beamline Diagram.

Note: Bremsstrahlung Shielding #1 is not part of the Safety checklist and can only be viewed from the VUV mezzanine staircase. Users should not enter the VUV mezzanine area unescorted.

- \_\_\_ 1. EXCLUSION ZONE #1, PVC pipe extending from the TGM monochromator tank to Bremsstrahlung shielding #2; in place, secure, and photographed
- \_\_\_ 2. BREMSSTRAHLUNG SHIELDING #2, In place, secure, and photographed

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