

U10A/B SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: B	Effective: 5/24/2007	Page 1 of 1	Number: LS-SCL- 0078
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Original signatures on file.

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A safety checklist must be completed with the posting of an experiment safety approval form. It must be signed by a person listed on the safety approval form who has received beamline specific training.

- Vacuum valve V1 serves as primary beamline isolation valve. It is interlocked to GP ion gauge G1. Fast valve V2 is interlocked to a mini-ion pump attached to the 6-way cross just downstream of the 240 l/s P-E ion pump
- U10 has no safety shutter, exclusion zones, nor additional (beamline specific) lead shielding. Beam is extracted vertically up and then over the passive ring shielding.

Safety checklist pertains to: visible, infrared and UV light hazard and vacuum integrity.

- 1. Pressure in the M1/M2 mirror chamber is $\sim 2 \times 10^{-9}$ Torr or below, as read on ion gauge #G1
- 2. Synchrotron beam from diamond window is fully contained.

OPCO / Beamline Rep.: _____ Date: _____