X12C SAFETY CHECKLIST				N	BROOKHAVEN NATIONAL LABORATORY ATIONAL SYNCHROTRON LIGHT SOURCE
Rev: B	Effective: 5/24/0	Effective: 5/24/07		1 N	Number: LS-SCL-0027
Reviewed by:	Thomas McDonald	Reviewed by	y:		Approved by: J. Aloi

Original signatures on file.							
	the one on-line in the NSLS Quality Assu ent version by checking the document effe	rance website. Before using a printed copy, verify that it ctive date on the NSLS QA website.					
☐ 1. Valid Padlock Index and log, no padlocks open.							
UPSTREAM OF X12A HUTCH							
☐ 2. Bremsstrahlung shie	2. Bremsstrahlung shield (BS #1) in place and banded.						
\square 3. Exclusion Zone (EZ	3. Exclusion Zone (EZ #1) at the slit tank is in place as per photo.						
☐ 4. Bremsstrahlung shie	4. Bremsstrahlung shield (BS # 2) in place and banded as per photo.						
5. Vacuum Bellows #2 (downstream of the slit tank behind X12B Slit tank) is wrapped in lead.							
☐ 6. Water cooled Beryll	- 6 777						
□ 7. Two monochromato							
□ 8. Vacuum Bellows #3							
☐ 9. Exclusion Zone (EZ							
□ 10. Scintillation counter is in place, and view ports are covered with lead as per photo.							
		lace and secured; bellows #4 is wrapped					
in lead and secured beneath.							
□ 12. Bremsstrahlung shie	eld (BS # 3) and Photon shutte	r lead in place and banded.					
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	INSIDE X12A	A HUTCH					
☐ 13. Exclusion Zone (EZ	Z #4) foam padding, from upstr	ream wall to lead shielded bellows, in place.					
DOWNSTREAM OF X12A HUTCH							
☐ 14. Exclusion Zone (EZ # 5) (aluminum screen) is in place and secure.							
		ed. Leaded glass on cross down stream of BS #4					
_	DOWNSTREAM O	F X12C HUTCH					
☐ 16. Bremsstrahlung shie	eld (BS # 5) (viewed between 2	X12B and C hutches) is in place and banded.					
USER SYSTEM CHECKS							
AT THE X12C USER STATION ELECTRONICS RACK							
☐ C. Valves V1, V2, and	s than 4.0x10 ⁻⁹ torr. 5 is less than 9.9 x 10 ⁻⁸ torr. V3 indicate a green (open) stateus #1-6 indicates a green (ok)						
OPCO / Beamline S	Staff.:	Date:					