

X27A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
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Reviewed by: Thomas McDonald	Reviewed by:	Approved by: J. Aloï	

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X27A Mode of Operation: White Mono

1. Valid Padlock Index and log, no padlocks open.

CHECKPOINTS 2-4 ARE LOCATED UPSTREAM OF X27B HUTCH

2. Bremsstrahlung Shield 1 (BS # 1) in place and banded. Located under EZ # 1, upstream of the X27B hutch.
3. Exclusion Zone (EZ # 1) located upstream of the X27B hutch
4. Scatter Barrier located upstream of the X27B hutch.

CHECKPOINT 5 and 6 LOCATED BETWEEN X27B AND X27A HUTCHES

5. Vacuum Bellows #3 wrapped in lead as per photo.
6. Lead Scatter Shielding on white-beam slits, beamline and monochromator as per photo.

CHECKPOINT 7 LOCATED INSIDE OF X27A HUTCH

7. Lead Beam Stop as per photo.

OPCO / Beamline Staff: _____ Date: _____

USER SYSTEM CHECKS

- A. Water flowing through Proteus, located on X27B hutch
- B. All Beamline Interlocks satisfied. Status panel located on upstream side of X27A hutch.
- C. Water flowing through Proteus, located on X27A hutch
- D. Water flowing through Proteus, located on X27A hutch

Beamline Rep.: _____ Date: _____