

National Synchrotron Light Source II, Brookhaven National Laboratory			
Doc No. PS-C-XFD-PRC-005	Author: B. Heneveld	Effective Date: 13Nov2015 Review Frequency: 3 yrs	Version 3
Title: Beamline Enclosures and Cryogen Fill Station ODH Monitoring and Alarm System Certification and Inspection			Technical

Attachment B

Beamline Enclosures and Cryogen Fill Station ODH Monitoring and Alarm System Certification

Beamline Enclosure/Cryogen Fill Station 17 BM A

Pre-test Conditions

The following have been notified that the test will be performed:

Yes No

- Staff at the testing location
- Staff in adjacent areas
- Control Room
- FLOCO

Monitor Display indicating 20.4% – 21.4% oxygen

Yes No

Announcement made over PA system

Yes No

All enable lights are illuminated

Yes No

Test Conditions with Challenge Gas

Monitor display indicating less than 18% oxygen

Yes No

Audible and visual alarm activated inside enclosure/fill station

Yes No

Audible and visual alarm activated outside enclosure/fill station at each entrance

Yes No

Communication with Control Room readily available or automated

Yes No

Return to Normal Operation

Monitor Display indicating 20.4% – 21.4% oxygen

Yes No

Audible and visual alarm deactivated inside enclosure/fill station

Yes No

Audible and visual alarm deactivated outside enclosure/fill station at each entrance

Yes No

Note: Signatures below indicate that the test has been completed.

Test Reason: <u>Place into service</u>	Test Result: <input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed
Test Date: <u>4/22/16</u>	Start Time: <u>10:55</u> Finish Time: <u>11:05</u>
Tester: <u>Brian Heneveld</u>	Assistant: <u>Gabriele Stuve</u>
Tester Signature: <u>Brian Heneveld</u>	Assistant Signature: <u>Gabriele Stuve</u>
Technical Authority: <u>Steve Letting</u>	Technical Authority Signature: <u>Steve Letting</u>