

Photon Sciences Directorate, Brookhaven National Laboratory			
Doc No. PS-C-XFD-PRC-005	Author: B. Heneveld	Effective Date: 21Aug2014 Review Frequency: 3 yrs	Version 2
Title: Beamline Enclosures ODH Monitoring and Alarm System Certification and Inspection			Technical

Attachment B

Beamline Enclosures ODH Monitoring and Alarm System Certification

Enclosure 8 ID A

Pre-test Conditions

The following have been notified that the test will be performed: Yes No

- Beamline Staff at the testing location
- Beamline Staff at the adjacent beamlines
- Control Room
- Appropriate FLOCO

Monitor Display indicating 20.4% – 21.4% oxygen Yes No

Test Conditions with Challenge Gas

Monitor display indicating less than 18% oxygen Yes No

Audible and visual alarm activated inside enclosure Yes No

Audible and visual alarm activated outside enclosure 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 Yes No

Audible and visual alarm deactivated outside enclosure at each entrance Yes No

Painter's tape (or equivalent) removed from the diffusion ports Yes No

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

Test Reason: <u>Placed into service</u>	Test Result: <input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed	
Test Date: <u>10/30/15</u>	Start Time: <u>3:30</u>	Finish Time: <u>3:40</u>
Tester: <u>Brian Heneveld</u>	Assistant: <u>Gabrielle Stuve</u>	
Tester Signature: <u>[Signature]</u>	Assistant Signature: <u>[Signature]</u>	
Technical Authority: <u>Steve LaManna</u>	Technical Authority Signature: <u>[Signature]</u>	

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Attachment B

Beamline Enclosures ODH Monitoring and Alarm System Certification

Enclosure 8IDB1

Pre-test Conditions

The following have been notified that the test will be performed: Yes No

- Beamline Staff at the testing location
- Beamline Staff at the adjacent beamlines
- Control Room
- Appropriate FLOCO

Monitor Display indicating 20.4% – 21.4% oxygen Yes No

Test Conditions with Challenge Gas

Monitor display indicating less than 18% oxygen Yes No

Audible and visual alarm activated inside enclosure Yes No

Audible and visual alarm activated outside enclosure at each entrance Yes No

Communication with Control Room readily available or automated Yes No

Return to Normal Operation

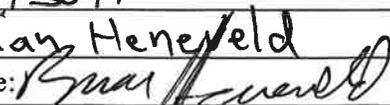
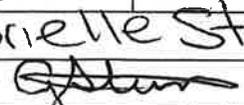
Monitor Display indicating 20.4% – 21.4% oxygen Yes No

Audible and visual alarm deactivated inside enclosure Yes No

Audible and visual alarm deactivated outside enclosure at each entrance Yes No

Painter's tape (or equivalent) removed from the diffusion ports Yes No

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

Test Reason: <u>Placed into service</u>	Test Result: <input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed
Test Date: <u>10/30/15</u>	Start Time: <u>3:50</u> Finish Time: <u>4:00</u>
Tester: <u>Brian Heneveld</u>	Assistant: <u>Gabrielle Stuve</u>
Tester Signature: 	Assistant Signature: 
Technical Authority: <u>Steve LaManna</u>	Technical Authority Signature: 

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Attachment B

Beamline Enclosures ODH Monitoring and Alarm System Certification

Enclosure 87D BZ

Pre-test Conditions

The following have been notified that the test will be performed: Yes No

- Beamline Staff at the testing location
- Beamline Staff at the adjacent beamlines
- Control Room
- Appropriate FLOCO

Monitor Display indicating 20.4% – 21.4% oxygen Yes No

Test Conditions with Challenge Gas

Monitor display indicating less than 18% oxygen Yes No

Audible and visual alarm activated inside enclosure Yes No

Audible and visual alarm activated outside enclosure 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 Yes No

Audible and visual alarm deactivated outside enclosure at each entrance Yes No

Painter's tape (or equivalent) removed from the diffusion ports Yes No

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

Test Reason: <u>Placed into service</u>	Test Result: <input checked="" type="checkbox"/> Passed <input type="checkbox"/> Failed
Test Date: <u>10/30/13</u>	Start Time: <u>4:10</u> Finish Time: <u>4:20</u>
Tester: <u>Bryan Heneveld</u>	Assistant: <u>Gabriele Stuve</u>
Tester Signature: <u>[Signature]</u>	Assistant Signature: <u>[Signature]</u>
Technical Authority: <u>Steve LaManna</u>	Technical Authority Signature: <u>[Signature]</u>

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