

## Beamline EPS Acceptance Testing

Doc No. BL-EPS-002 Rev: B

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| <u>Title</u>                         | <u>Name</u>    | <u>Approval Date</u> |
|--------------------------------------|----------------|----------------------|
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| ES&H Operations Manager              | Lori Stiegler  | 09/16/2015           |
| Quality Assurance Engineer           | Joseph Zipper  | 09/16/2015           |

| Serial No                 | Part No         | Part Rev | ECN | Rev | ECN | Rev |
|---------------------------|-----------------|----------|-----|-----|-----|-----|
|                           | Beamline: _____ |          |     |     |     |     |
| Deviation & Waiver: _____ |                 |          |     |     |     |     |

| OP | Description  | Name/Life # | Date | DR |
|----|--|-------------|------|----|
| 10 | Follow the ES&H and Personal Protective Equipment Requirements for the area.   |             |      |    |
| 20 | Verify measuring and test equipment used for this procedure contains a valid calibration label in accordance with NSLS-II Calibration Procedure PS-QAP-0901, where applicable.   |             |      |    |
|    | The technician is responsible for notifying the technical supervisor and/or the cognizant engineer of any discrepancies occurring during the performance of this procedure. All discrepancies shall be identified and reported in accordance with NSLS-II Discrepancy Reporting Procedure PS-QAP-0002. |             |      |    |
| 30 | BEAMLINE INFORMATION - This step shall be performed by the cognizant EPS Engineer.   |             |      |    |
|    | A) Record the relevant Beamline name on this sheet, in the box for "Part No".  |             |      |    |
|    | B) Review this entire traveler and write in the relevant drawing, software, and procedure numbers where required   |             |      |    |
| 40 | INSTALLATION VERIFICATION  |             |      |    |
|    | A) List the relevant drawing(s):   |             |      |    |
|    | Drawing No.: _____ Rev. No.: _____   |             |      |    |
|    | Drawing No.: _____ Rev. No.: _____   |             |      |    |
|    | B) Verify the following items are acceptable:  |             |      |    |
|    | ___ System layout configured per drawing(s)  |             |      |    |
|    | ___ System Labeled / Tagged  |             |      |    |

| OP | Description   | Name/Life # | Date | DR |
|----|---|-------------|------|----|
| 50 | SOFTWARE CONFIGURATION  |             |      |    |
|    | A) Download PLC software to controller and verify it was accepted by the controller.    |             |      |    |
|    | B) Record the software part number:   |             |      |    |
|    | Part No.: _____ Rev. No.: _____   |             |      |    |
| 60 | ACCEPTANCE TESTING  |             |      |    |
|    | A) List relevant testing procedure  |             |      |    |
|    | Procedure No.: _____ Rev. No.: _____  |             |      |    |
|    | B) Verify acceptable completion of test procedure                                       |             |      |    |
|    | C) Attach test report to this traveler  |             |      |    |
| 65 | WATER LEAK DETECTION SYSTEM TEST  |             |      |    |
|    | Verify water leak detection system, as designed for this beamline, functions correctly. |             |      |    |
| 70 | Verify All Traveler Operations Complete   |             |      |    |
| 80 | REVISION HISTORY (This step is informational and does not require signoff)              |             |      |    |
|    | Rev - Description - Date  |             |      |    |
|    | A First Release 8/27/2014   |             |      |    |
|    | B OP#65 added 9/16/15   |             |      |    |
|    | Joe Delong removed as approver  |             |      |    |
|    | Ruslan Kadyrov added as approver  |             |      |    |

