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| PRESSURE/LEAK TEST RECORD  | FORM PS-7 |
| TEST DESCRIPTION AND REQUIREMENTS |
| Pressure System Number:PS-PHY-08-002 | Drawing Number(s): 317111-JLA-001-001 | PAGE 1 OF |
| Project Name: 12 GeV SHMS Q2 |
| System or component description (attach description if needed): Helium circuit |
| Test boundaries (attach sketch if needed): |
| Design temperature: 4.5 K | Design pressure (MAWP): 5 atm (gauge) |
| Test method: \_\_\_\_Hydrostatic \_x\_\_Pneumatic | Relief Valve Setting: 93 psig |
| Test fluid: Gas helium | Applicable code: ASME Sec. VIII Div. 1 |
| Required test pressure: 90 psig | Test temperature: 295 K |
| Test pressure as % of MAWP: 115% | Ambient temperature: 295 K |
| Elevation difference between highest point and gauge: |  |
| Required gauge pressure: |  |
| Test date: | Start time: | Actual gauge pressure: |
| Required Duration: | Finish time: |
| SAFETY |
| Test volume: 460 Liter  | Stored energy of test: 0.195 MJ |
| SOP/OSP/TOSP Number (if required): |
| TEST EQUIPMENT |
| Type/Number: | Range: | Cal date: | Cal due date: |
|  |  |  |  |
| Leak Detection Method: \_\_Visual \_\_He leak test \_\_Bubble test \_\_He leak test (reverse) \_\_Other (attach procedure) |
| Detector Calibration (if applicable): |
| TEST ACCEPTANCE (name and signature) |
| Pressure test result: \_\_\_\_Pass \_\_\_\_Fail |
| Test Engineer: |  |  | Date : |
| Technician: | Date : |
| Witness: |  |  | Date : |

Calibration Records

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| Before pressure test | Leak rate of calibrated source |  |
| Response time |  |
| Leak rate detected by the leak detector |  |
| After pressure test | Leak rate of calibrated source |  |
| Response time |  |
| Leak rate detected by the leak detector |  |