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| Traveler Title | SNS PPU Thermal Shield Leak Test Traveler | | | |
| Traveler Abstract | Traveler defines the leak testing process for the thermal shield helium circuit. | | | |
| Traveler ID | SNSPPU-CM-LEAK-THRM | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | Matt Marchlik | | | |
| Traveler Date | 20-Apr-20 | | | |
| NCR Informative Emails | Edaly,areilly | | | |
| NCR Dispositioners | marchlik,kwilson | | | |
| D3 Emails | Marchlik,kwilson | | | |
| Approval Names | M. Marchlik | K. M. Wilson | C. Wilcox | E. Daly |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | Reviewer | Reviewer | Project Manager |

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| --- | --- |
| References | List and Hyperlink all documents related to this traveler. This includes, but is not limited to: safety (THAs, SOPs, etc), drawings, procedures, and facility related documents. |
| 104211100-M8U-8200-A003 (50K SHIELD SUBASSY) | |

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| Revision Note |  |
| - | Initial release of this Traveler. |

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| Step No. | Instructions | Data Input |
| **General handling guidelines:** When moving the assembly alone and not installed in a spaceframe, it should be supported/lifted at three points: At the center and approximately four feet from each end. The thermal shields shall be handled according to standard cleaning and handling practices. | | |
| 1 | **Leak Check:** | |
| Leak check the thermal shield’s helium line assembly per JLAB spec 11141-S-0029. Only those thermal shield assemblies with serial numbers ending in 001, 003 and 006 require leak checking. | [[LeakcheckOk]] <<YESNO>>  [[LeakcheckComment]] <<COMMENT>> |
| 2 | **Storage:** | |
| After testing, plug or cover the helium line ends to maintain cleanliness inside of the tubing. | [[StorageTech]] <<SRF>>  [[StorageDate]] <<TIMESTAMP>> |