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| Traveler Title | SNS PPU Tophat Bellows Leak Testing Traveler |
| Traveler Abstract | Traveler defines the leak testing process for the SNS PPU Tophat Bellows |
| Traveler ID | SNSPPU-CM-LEAK-TPHTB |
| Traveler Revision  | R1 |
| Traveler Author | Matt Marchlik |
| Traveler Date | 12-Mar-20 |
| NCR Informative Emails | edaly |
| NCR Dispositioners | Marchlik,kwilson |
| D3 Emails | Marchlik,kwilson,edaly |
| Approval Names | M. Marchlik | K. M. Wilson | C. Wilcox | E.F. 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. |
| [104211600-M8U-8200-A051](file:///X%3A%5CFacilities%5CSRF%20Institute%5C01%20-%20SRF%20Projects%5C01%20-%20Open%5C1.21.02.XXX%20-%20SNS%20PPU%20Design%20%26%20Construction%20of%207%20High%20Beta%20Cryomodules%20for%20ORNL%20-%20Ed%20Daly%5C06%20-%20Process%20Documents%5ETravelers%20%28SNSPPU%29%5CTravelers%20Included%20Files%20-%20XXXX%5CTPHTB%5C104211600-M8U-8200-A051.pdf) (BELLOWS ASSEMBLY) |  |  |  |  |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |

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| Step No. | Instructions | Data Input |
| **General handling guidelines:** The tophat bellows are fragile and susceptible to denting if dropped or struck. Great care shall be taken to prevent damage during handling. The flat face of the bellows assembly flange is an o-ring sealing surface. Care shall be taken to avoid scratching/gouging this surface and a protective cover shall be installed over this face at all possible times. |
| 1 | **Leak Check:** |
| Leak check the tophat bellows assemblies per JLAB spec 11141-S-0033. Only bellows assemblies with serial numbers ending in 001, 014 and 028 require leak testing. Bellows shall be constrained against compression during leak testing. | [[TPHTBSN]] <<TPHTBSN>>[[LeakCheckTech]] <<SRF>>[[LeakCheckDate]] <<TIMESTAMP>>[[LeakCheckFile]] <<FILEUPLOAD>>[[LeakcheckOk]] <<YESNO>>[[LeakcheckComment]] <<COMMENT>> |
| 3 | **Storage:** |
| Each tophat bellows assembly shall be re-packaged in it’s original protective packaging after testing. | [[StorageTech]] <<SRF>>[[StorageDate]] <<TIMESTAMP>> |