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| Traveler Title | SNS PPU Thermal Station Inspection Traveler |
| Traveler Abstract | Traveler defines inspection process for the SNS PPU Thermal Stations. |
| Traveler ID | SNSPPU-CST-INSP-THST |
| Traveler Revision  | - |
| Traveler Author | Matt Marchlik |
| Traveler Date | 13-Apr-20 |
| NCR Informative Emails | Marchlik, kwilson, edaly |
| NCR Dispositioners | marchlik, kwilson, edaly |
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| Approval Names | M. Marchlik | K. M. Wilson | A. DeKerlegand | 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. |
| 104210200-M8U-8200-A044-Rev- (THERMAL STATION FINAL ASSY) | 104210200-M8U-8200-A045-Rev- (END STATION THERMAL HALF) |
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| Revision Note |  |
| - | Initial release of this Traveler. |

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| Step No. | Instructions | Data Input |
| **General handling guidelines:** The thermal stations are relatively robust assemblies, but care should be taken to not bend the stainless steel tubing. They should be handled according to standard cleaning and handling practices. |
| 1 | **Initial Inspection:** |
| Technician NameDate of InspectionSerial Number of part | [[TechName]] <<SRF>>[[InspectionDate]] <<TIMESTAMP>>[[TPHTSN]] << TPHTSN>> |
| Is part clean, free from dust, oil, finger prints or other contaminants? | [[PartCleanOk]] <<YESNO>> |
| Visually inspect that the tubing is kink free and does not contain any gouges | [[TubingOk]]<<YESNO>> |
| Comments:Upload photos of any damage. | [[VisualInspComment]] <<COMMENT>>[[VisualInspPhoto]] <<FILEUPLOAD>> |
| 2 | **Dimensional Inspection:** |
| Dimensionally inspect the thermal stations against the reference drawing listed above. Only thermal stations with serial numbers ending in 001, 005, 009 and 013 require dimensional inspection. Record the serial numbers and calibration information for all measurement equipment used if applicable. | [[DimcheckOk]] <<YESNO>>[[DimcheckComment]] <<COMMENT>> |
| Calibration Info |
| [[Part\_CalName]] <<TEXT>>[[Part\_CalDate]] <<TIMESTAMP>>[[Part\_CalSN]] <<SN>> |
| **Drawing Number** | **Description** | **Drawing Value** | **Measured Value** | **Within Tolerance** |
| 104210200-M8U-8200-A045 | Inner radius | 2.46 +/- .010” | [[InnerR]] <<FLOAT>> <<YESNO>> |
| 104210200-M8U-8200-A044 | General tubing dimensions | +/- 1/8” | [[TubeMeas]] <<FLOAT>> <<YESNO>> |
| 3 | **Storage:** |
| Each thermal station shall be re-packaged in it’s original protective packaging ensuring that the loose components are accounted for. | [[StorageTech]] <<SRF>>[[StorageDate]] <<TIMESTAMP>> |