|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Traveler Title | Cavity Degrease | | | |
| Traveler Abstract | Traveler captures information from ultrasonic cleaning P1 cavities. | | | |
| Traveler ID | P1-CHEM-CAV-DEGR | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | Alex Wildeson | | | |
| Traveler Date | 20-Aug-2020 | | | |
| NCR Informative Emails | forehand,areilly | | | |
| NCR Dispositioners | ashleya,ganey,kdavis | | | |
| D3 Emails | ashleya,ganey,kdavis,forehand | | | |
| Approval Names | A. Wildeson | 1. Mitchell | K. Davis | A. Reilly |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | Reviewer | Reviewer | Project Manager |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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. | | | |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |
| --- | --- |
| Revision Note |  |
| R1 | Initial release of this Traveler. |

|  |  |  |
| --- | --- | --- |
| Step No. | Instructions | Data Input |
| 1 | Cavity SN  Technician:  Process start time: | [[CAVSN]] <<CAVSN>>  [[Technician]] <<SRF>>  [[ProcessStartTime]] <<TIMESTAMP>> |
| 2 | Process step for cavity. | [[ProcessStep]] {{PreHeat, Pre EP, Post EP, Post Lapping, Post Acid Etch, Pre HPR}} <<CHECKBOX>> |
| 3 | Flanges inspected for damage? | [[Inspected]] <<YESNO>>  [[Inspector]] <<SRF>> |
| 4 | All openings to the helium vessel blanked off? | [[OpeningsBlanked]] <<YESNO>> |
| 5 | Cavity lowered into tank and Liquinox added to create a 1-2% solution. | [[LiquinoxVolumeAdded]] <<INTEGER>>mL |
| 6 | Completed degreasing cycle.  If tank is pre-heated, a minimum of 30 minutes is required. 60 minutes is required if the tank is not pre-heated.  Record the temperature of the bath (120F-130F) | [[USCTime]] <<INTEGER>>MINS  [[H2OTemp]] <<INTEGER>> F |
| 7 | Cavity rinsed for 10 minutes via DI water hose. | [[Rinsed]] <<YESNO>>  [[Technician]] <<SRF>> |
| 8 | Cavity transferred to DI water only USC.  If tank is pre-heated, a minimum of 30 minutes is required. A minimum of 60 minutes is required if the tank is not pre-heated.  Record the temperature of the bath (120F-130F) | [[USCTime]] <<INTEGER>>MINS  [[H2OTemp]] <<INTEGER>> F |
| 9 | Cavity rinsed for 10 minutes via DI water hose. | [[Rinsed]] <<YESNO>>  [[Technician]] <<SRF>> |
| 10 | Additional Comments, Files, Photos | [[FieldName]] <<COMMENT>>  [[FieldName]] <<FILEUPLOAD>> |