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| Traveler Title | SNS-PPU Traveler for Cavity High Pressure Rinse Processing |
| Traveler Abstract | Documents and captures data for cavity high pressure rinses in either the original or new HPR cabinet. |
| Traveler ID | SNSPPU-CHEM-CAV-HPRN |
| Traveler Revision  | R1 |
| Traveler Author | Ashley Mitchell |
| Traveler Date | 30-OCT-2020 |
| NCR Emails | kdavis,ashleya |
| Approval Names | A. Mitchell | A. Wildeson | K. Davis |  |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | 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. |
| [CP-STP-CAV-CHEM-HPR (Standard High Pressure Rinse Procedure)](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-125424/CP-STP-CAV-CHEM-HPR-R2.pdf) | [CP-STP-CAV-CHEM-HPRN (Standard High Pressure Rinse Procedure for new HPR Cabinet)](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-125425/CP-STP-CAV-CHEM-HPRN-R1.pdf) | [HPR log file](https://jlabdoc.jlab.org/docushare/dsweb/View/Collection-19828?sort=Date) |  |  |
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| Revision Note |  |
| R1 | Initial release of this Traveler. Adapted from C75 Traveler. |
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| Step No. | Instructions | Data Input |
| A | Record Project ID and any project specific instructions | [[PROJSN]] <<PROJSN>>[[PROJNAME]] <<TEXT>>[[ProjInstructions]] <<FILEUPLOAD>> |
| B | Record cavity or part serial number | [[CAVSN]] <<CAVSN>>[[CAVNAME]] <<TEXT>>[[SN]] <<SN>> |
| 1 | Log the process step taking place after this HPR | [[ProcessStep]] {{FirstAssemby,SecondAssembly}} <<RADIO>> |
| 2 | Enter Data (normally entered into spreadsheet) into fields below: |
| HPR DATE | [[HPRDATE]] <<TIMESTAMP>> |
| HPR OPERATOR  | [[HPROperator\_IN]] <<SRFCVP>>[[HPROperator\_OUT]] <<SRFCVP>> |
| PUMP (PSI) | [[Pump]] <<FLOAT>> PSI |
| HPR DI INLET (MOhm) | [[HPR\_DI\_Inlet]] <<FLOAT>> MOhm |
| HPR SETTINGS* Ambient or Hot Rinse

Normal Settings for New HPR: Lift speed 0.4 in/min., Table speed 2 RPM | [[AMBIENTorHOTRINSE]] {{AMBIENT,HOT}} <<RADIO>> [[ROTATIONorWANDSPEEDCHANGED]] {{YES,NO}} <<RADIO>>[[IFYESRECORD]] <<COMMENT>>  |
| * TOP LOCATION (INCHES)
 | [[TopLocation]] <<FLOAT>> in |
| BOTTOM LOCATION (INCHES) | [[BottomLocation]] <<FLOAT>> in |
| HPR START TIME | [[HPRStartTime]] <<TIMESTAMP>> |
| HPR END TIME | [[HPREndTime]] <<TIMESTAMP>> |
| NUMBER OF PASSES | [[NumberOfPasses]] <<INTEGER>> |
| TOTAL TIME (HH:MM) | [[HPRTotalTime]] <<FLOAT>>mins[[Compute the total HPR time HPREndTime-HPRStartTime = HPRTotalTime]] <<NOTE>> |
| PUMP CONTROLLER (%) | [[PumpController%]] <<FLOAT>>  |
| CAGE | [[Cage]] <<TEXT>> |
| CAVITY ORIENTATION NOTES | [[CavityOrientationNotes]] <<COMMENT>> |
| HPR NOTES | [[HPRNotes]] <<COMMENT>> |
|  |  |
| 3 | Upload HPR file (Found [Here](https://jlabdoc.jlab.org/docushare/dsweb/View/Collection-19828?sort=Date)) | [[AttachDataFile]] <<FILEUPLOAD>> |