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| Traveler Title | Cavity Bake-out |
| Traveler Abstract | 120 deg. C bake of cavities before VTA qualification test.  |
| Traveler ID | P1-CHEM-CAV-BAKE |
| Traveler Revision  | R1 |
| Traveler Author | Ashley Anderson |
| Traveler Date | 06-Aug-2020 |
| NCR Informative Emails | forehand,areilly |
| NCR Dispositioners | ashleya,kdavis,ganey |
| D3 Emails | ashleya,kdavis,ganey,forehand |
| Approval Names | Kurt Macha | Chris Dreyfuss | Mike Drury |  |
| 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.- C100 procedures will be used due to the procedure being the same - |
|  | [Cavity Bake Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-60518/CP-C100-CAV-BAKE-R2%5B1%5D.pdf) |  |  |  |
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| **Revision Note** |  |
| R1 | Initial release of this Traveler. |

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| **Step No.** | **Instructions** | **Data Input** |
| 1 | * Record the cavity serial number into this traveler.
* Record the test stand Serial Number.
* Record the cavity pressure
 | [[CAVSN]] <<CAVSN>>[[TestStandSN]] <<SN>>[[CavityPressureBeforeBake]] <<SCINOT>>mbar[[BakeSetupComments]] <<COMMENT>>[[BakeStartTimestamp]] <<TIMESTAMP>>[[Tech1]] <<SRFCVP>> |
| 2 | * Following the [Cavity Bake Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-60518/CP-C100-CAV-BAKE-R2%5B1%5D.pdf) bake the cavity for 24 hours at 120 degrees C.
* Data log the bake temperatures as directed in the bake procedure.
* After the bake, upload the data log file that recorded the bake temperatures during the bake.
* Record the cavity vacuum pressure after the bake.
* If the bake cycle was interrupted or was off- normal a D3 is required.
 | [[BakeDataLogFile\_120C]] <<FILEUPLOAD>>[[CavityPressureAfterBake]] <<SCINOT>>mbar[[DateCavRemovedFrmBakebox]] <<TIMESTAMP>>[[Tech2]] <<SRFCVP>> |