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| Traveler Title | L2HE BLA Chemistry and Oven Processing |
| Traveler Abstract | Covers steps for BLA cleaning |
| Traveler ID | L2HE-CHEM-BLA-DEGR |
| Traveler Revision  | R1 |
| Traveler Author | M.Oast |
| Traveler Date | 15-Nov-24 |
| NCR Informative Emails | forehand |
| NCR Dispositioners | adamg,cheng,weinmann |
| D3 Emails | Forehand,adamg,cheng,weinmann |
| Approval Names | M.Oast | A. Wildeson | D. Forehand | M. Bevins |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author/SOTR | 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. |
| [F10080259 BLA Kit Assy](https://misportal.jlab.org/jlabDocs/documents/208067/download) | [F10026202 Seal End Flange](https://misportal.jlab.org/jlabDocs/documents/208071/download) | [F00457202 Flange Blank Off Cavity End](https://misportal.jlab.org/jlabDocs/documents/208073/download) | [L2HE-PR-CHEM-CST-DEGR](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-247435/L2HE-PR-CHEM-CST-DEGR-R1.pdf) |  |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |

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| Step No. | Instructions | Data Input |
| 1 | ***Cleaning***Record date of cleaning and technician name.Clean housing per L2HE-PR-CHEM-CST-DEGR. Ceramic should be scrubbed using Citranox and alpha wipes. Rinse thoroughly with DI water. Submerge in clean room grade Isopropyl and dry using filtered nitrogen under laminar flow. When they are dry, close housing and absorber separately in cleanroom bags and send housings to Elnik furnace and ceramics to Big Blue furnace for baking.If any damage or anomaly is found, upload pictures and provide comments. | [[AbsCleaningDate]] <<TIMESTAMP>>[[CleaningOperators1]] <<SRF>>[[Cleaning\_pics]] <<FILEUPLOAD>>[[Cleaning\_comment]] <<COMMENT>> |
| 2 | ***Ceramic Absorber Bake***Record technician name, date of the bake operation. Effective bake time for ***ceramic absorber***: 12 hours at 600 C in vacuum in Big Blue. Provide final bake time required and comments, if any. If any issues during high temperature bake, generate NCR. | [[AbsBakeDate]] <<TIMESTAMP>>[[AnsBakeOperators]] <<SRF>> [[CommAbsBake]] <<COMMENT>> [[HP1]] {{weinmann}} <<HOLDPOINT>> |
| 2 | ***Housing Bake***Record technician name, date of the bake operation. Effective bake time for ***housing***: 12 hours at 300 C in Elnik.Provide final bake time required and comments, if any. If any issues during high temperature bake, generate NCR. | [[HousingBakeDate]] <<TIMESTAMP>>[[HousingBakeOperators]] <<SRF>> [[CommHousingBake]] <<COMMENT>> [[HP1]] {{weinmann}} <<HOLDPOINT>> |
| 3 | ***After Baking*****Bag and N2 purge ceramic absorber immediately** when removed from oven, then move ceramic and housing to chem room.At chem room, place bagged ceramic absorber in clean room pass-thru. **Do not re-clean Absorber.**Clean housing following L2HE-PR-CHEM-CST-DEGR. Dry and place in the clean room pass-thru. | [[PassthruDate\_absorber]] <<TIMESTAMP>>[[PassthruDate\_housing]] <<TIMESTAMP>> |