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| Traveler Title | P1 Cavity Flange Lapping | | | |
| Traveler Abstract | The following traveler records lapping data for cavity flanges. | | | |
| Traveler ID | P1-CAV-CHEM-LAP | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | Alex Wildeson | | | |
| Traveler Date | 23-Sept-2020 | | | |
| NCR Informative Emails | areilly,forehand,ganey | | | |
| NCR Dispositioners | ashleya,kdavis | | | |
| D3 Emails | ashelya,ganey,kdavis,forehand | | | |
| Approval Names | Alex Wildeson | Ashley Mitchell | Kirk Davis |  |
| Approval Signatures |  |  |  |  |
| Approval Date |  |  |  |  |
| 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. | | | |
| [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) |  |  |  |  |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |

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| **Step No.** | **Instructions** | **Data Input** |
| A | Input Cavity SN: | [[CAVSN]] <<CAVSN>>  [[DateTime]] <<TIMESTAMP>>  [[LapCommentA]] <<COMMENT>> |
| 1 | Lap cavity FPC flange groove using [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) if required. | [[FPC\_ScotchBriteMethod]] <<YESNO>>  [[TimeStep1]] <<TIMESTAMP>>  [[Tech]] <<SRFCVP>>  [[VisualOK\_FPC]] <<YESNO>>  [[VisualTech1]] <<SRFCVP>>  [[LapComment1]] <<COMMENT>> |
| 2 | Lap cavity FPC Beam line flange groove using [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) if required. | [[BL\_FPC\_ScotchBriteMethod]] <<YESNO>>  [[TimeStep2]] <<TIMESTAMP>>  [[Tech2]] <<SRFCVP>>  [[VisualOK\_BL\_FPC]] <<YESNO>>  [[VisualTech2]] <<SRFCVP>>  [[LapComment2]] <<COMMENT>> |

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| **Step No.** | **Instructions** | **Data Input** |
| 3 | Lap cavity HOM Beamline flange groove using [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) if required. | [[BL\_HOM\_ScotchBriteMethod]] <<YESNO>>  [[TimeStep3]] <<TIMESTAMP>>  [[Tech3]] <<SRFCVP>>  [[VisualOK\_BL\_HOM]] <<YESNO>>  [[VisualTech3]] <<SRFCVP>>  [[LapComment3]] <<COMMENT>> |
| 4 | Lap cavity HOM-1 flange groove using [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) if required. HOM-1 is to the right of the Beam Tube as shown. | [[HOM1\_ScotchBriteMethod]] <<YESNO>>  [[TimeStep4]] <<TIMESTAMP>>  [[Tech4]] <<SRFCVP>>  [[VisualOK\_HOM1]] <<YESNO>>  [[VisualTech4]] <<SRFCVP>>  [[LapComment4]] <<COMMENT>> |
| 5 | Lap cavity HOM-2 flange groove using [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) if required. HOM-2 is to the left of the Beam Tube as shown. | [[HOM2\_ScotchBriteMethod]] <<YESNO>>  [[TimeStep5]] <<TIMESTAMP>>  [[Tech5]] <<SRFCVP>>  [[VisualOK\_HOM2]] <<YESNO>>  [[VisualTech5]] <<SRFCVP>>  [[LapComment5]] <<COMMENT>> |

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| **Step No.** | **Instructions** | **Data Input** |
| 6 | Lap cavity field probe flange groove using [F100 Cavity Flange Repair Procedure](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-68873/CP-F100-CAV-REPR-FLNG%20-%20R2.pdf) if required. | [[FP\_ScotchBriteMethod]] <<YESNO>> [[TimeStep6]] <<TIMESTAMP>>  [[Tech6]] <<SRFCVP>>  [[VisualOK\_FP]] <<YESNO>>  [[VisualTech6]] <<SRFCVP>>  [[LapComment6]] <<COMMENT>> |