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| Traveler Title | Hook and Tee Weldment | | | |
| Traveler Abstract | Outlines the welding of the Hook and Tee | | | |
| Traveler ID | AUP-ASSY-DAMP-HKTEE | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | Matthew Weaks | | | |
| Traveler Date | 6-Apr-20 | | | |
| NCR Informative Emails | jharris | | | |
| NCR Dispositioners | Huque | | | |
| D3 Emails | Huque | | | |
| Approval Names | Matthew Weaks | George Dekerlegand | Naeem Huque |  |
| 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. | | | |
| [JL0083868](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-212522/JL0083868_-_HOM%20TEE.pdf) | [JL0086021](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-212523/JL0086021_-_HHOM%20NB%20HOOK.pdf) | [CP-STP-CAV-CHEM-ACID](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-211742/CP-STP-CAV-CHEM-ACID-R1.pdf) | [CP-STP-CAV-CHEM-DEGR](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-211743/CP-STP-CAV-CHEM-DEGR-R3.pdf) |  |
| [JL0088266](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-212518/JL0088266_-_HOOK%20AND%20TEE%20WELDMENT.pdf) | [JL0088272](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-212519/JL0088272_-_DN100%20MACHINING.pdf) | [CERN EDMS No. 1389669](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-211730/EDMS%201389669%20-%20Engineering_specification_dressed_cavities.v2.5(1).pdf) | [JL0088266\_CMM](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-227564/JL0088266_-_HOOK%20AND%20TEE%20WELDMENT_CMM.pdf) |  |

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

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| Step No. | Instructions | Data Input |
| 1 | Serial Number of Completed Part | [[HKTEESN]] <<HKTEESN>> |
| Ensure all components have relevant Material Certification.  Upload Material Certifications | [[Ins1Tech]] <<SRF>>  [[Ins1Time]] <<TIMESTAMP>>  [[Ins1Comm]] <<COMMENT>>  [[Ins1File]] <<FILEUPLOAD>> |
| CHEMISTRY | | |
| 2 | JL0083868: Etch 30 microns as per JLab Procedure CP-STP-CAV-CHEM-ACID.  Upload any relevant photos and/or comments. | [[TEESN]]<<TEESN>>  [[BCP1Tech]] <<SRF>>  [[BCP1Time]] <<TIMESTAMP>>  [[BCP1Comm]] <<COMMENT>>  [[BCP1File]] <<FILEUPLOAD>> |
| 3 | JL0086021: Etch 30 microns as per JLab Procedure CP-STP-CAV-CHEM-ACID.  Upload any relevant photos and/or comments. | [[HOOKSN]]<<HOOKSN>>  [[BCP2Tech]] <<SRF>>  [[BCP2Time]] <<TIMESTAMP>>  [[BCP2Comm]] <<COMMENT>>  [[BCP2File]] <<FILEUPLOAD>> |
| 4 | JL0088272: Etch 15 microns as per JLab Procedure CP-STP-CAV-CHEM-ACID. Protect the brazing surfaces  Upload any relevant photos and/or comments. | [[FLMCHSN]]<<FLMCHSN>>  [[BCP3Tech]] <<SRF>>  [[BCP3Time]] <<TIMESTAMP>>  [[BCP3Comm]] <<COMMENT>>  [[BCP3File]] <<FILEUPLOAD>> |

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| Step No. | Instructions | Data Input |
| ELECTRON BEAM WELDER | | |
| 5 | EBW  Weld as per drawing JL0088266, following CERN EDMS No. 1389669  Upload relevant WPS and WPQR, as well as any photos and/or comments. | [[EBWTech]] <<SRF>>  [[EBWTime]] <<TIMESTAMP>>  [[EBWComm]] <<COMMENT>>  [[EBWFile]] <<FILEUPLOAD>> |
| Visually inspect the weldment in accordance with EN ISO 13919-2 Level B, as defined in CERN EDMS No. 1389669 – Section 4.2.7.3  Upload inspection report. | [[Ins2Tech]] <<SRF>>  [[Ins2Time]] <<TIMESTAMP>>  [[Ins2Comm]] <<COMMENT>>  [[Ins2File]] <<FILEUPLOAD>> |
| TESTING | | |
| 6 | Leak check the assembly in accordance with EN 13185 as defined in CERN EDMS No. 1389669 – Section 4.5 | [[LC1Tech]] <<SRF>>  [[LC1Time]] <<TIMESTAMP>>  [[LC1Comm]] <<COMMENT>>  [[LC1File]] <<FILEUPLOAD>> |

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| Step No. | Instructions | Data Input |
| INSPECTION | | |
| 7 | Verify Dimensions marked on JL0088266\_CMM.  Upload inspection report. | [[Ins3Tech]] <<SRF>>  [[Ins3Time]] <<TIMESTAMP>>  [[Ins3Comm]] <<COMMENT>>  [[Ins3File]] <<FILEUPLOAD>> |
| CHEMISTRY | | |
| 8 | Degrease JL0088266 as per CP-STP-CAV-CHEM-DEGR | [[DG4Tech]] <<SRF>>  [[DG4Time]] <<TIMESTAMP>>  [[DG4Comm]] <<COMMENT>>  [[DG4File]] <<FILEUPLOAD>> |