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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%281%29.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 surfacesUpload any relevant photos and/or comments. | [[FLGMCHSN]]<<FLGMCHSN>>[[BCP3Tech]] <<SRF>>[[BCP3Time]] <<TIMESTAMP>>[[BCP3Comm]] <<COMMENT>>[[BCP3File]] <<FILEUPLOAD>> |

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| Step No. | Instructions | Data Input |
| ELECTRON BEAM WELDER |
| 5 | EBWWeld as per drawing JL0088266, following CERN EDMS No. 1389669Upload 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 4.2.7.3Upload 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>> |