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| Traveler Title | AUP H-HOM Damper Assembly |
| Traveler Abstract | Outlines the final assembly of the HHOM Damper Assembly |
| Traveler ID | AUP-ASSY-DAMP-FASSY |
| Traveler Revision  | R2 |
| Traveler Author | Matthew Weaks |
| Traveler Date | 4-Aug-21 |
| NCR Informative Emails | fischer |
| NCR Dispositioners | Huque |
| D3 Emails | Huque |
| Approval Names | Matthew Weaks | John Fischer | 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. |
| [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) | [CP-STP-CAV-CHEM-ACID](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-211742/CP-STP-CAV-CHEM-ACID-R1.pdf) | [JL0086007\_CMM](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-227670/JL0086007_-_AUP%20RFD%20HOM%20DAMPER_CMM.pdf) | [CP-STP-CAV-CHEM-DEGR](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-211743/CP-STP-CAV-CHEM-DEGR-R3.pdf) |  |
| [JL0086009](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-246135/JL0086009_-_HOMS%20H%20EXTERNAL%20PIPE.pdf) | [JL0088598](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-246134/JL0088598_-_OUTLET%20TUBE.pdf) | [JL0088602](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-212517/JL0088602_-_INNER%20CAN%20ASSY.pdf) | [JL0086007](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-246136/JL0086007_A_AUP%20RFD%20HOM%20DAMPER.pdf) |  |

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| Revision Note |  |
| R1 | Initial release of this Traveler. |
| R2 | Changed drawings and weld sequence. Removed steps. Added work center lead as reviewer |

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| Step No. | Instructions | Data Input |
| 1 | Serial Number of JL0086007Serial Number of JL0088602Serial Number of JL0086009Serial Number of JL0088598 | [[FASSYSN]] <<FASSYSN>>[[INCANSN]] <<INCANSN>>[[EXPIPESN]] <<EXPIPESN>>[[OTUBESN]] <<OTUBESN>> |
| CHEMISTRY |
| 2a | Degrease JL0088602 as per CP-STP-CAV-CHEM-DEGRUpload any relevant photos and/or comments. | [[DG1Tech]] <<SRF>>[[DG1Time]] <<TIMESTAMP>>[[DG1Comm]] <<COMMENT>>[[DG1File]] <<FILEUPLOAD>> |
| 2b | Degrease JL0086007 as per CP-STP-CAV-CHEM-DEGRUpload any relevant photos and/or comments. | [[DG2Tech]] <<SRF>>[[DG2Time]] <<TIMESTAMP>>[[DG2Comm]] <<COMMENT>>[[DG2File]] <<FILEUPLOAD>> |
| 2c | Degrease JL0088598 as per CP-STP-CAV-CHEM-DEGRUpload any relevant photos and/or comments. | [[DG3Tech]] <<SRF>>[[DG3Time]] <<TIMESTAMP>>[[DG3Comm]] <<COMMENT>>[[DG3File]] <<FILEUPLOAD>> |
| WELDING |
| 3 | TIG Weld the assembly as per drawing JL0086007 following ASME BPVC Section IX as described in CERN EDMS No. 1389669 – Section 11.4.6 | [[WeldTech]] <<SRF>>[[WeldTime]] <<TIMESTAMP>>[[WeldComm]] <<COMMENT>>[[WeldFile]] <<FILEUPLOAD>> |

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| Step No. | Instructions | Data Input |
| INSPECTION |
| 4 | Visually inspect the weld following EN ISO 13919-2 Level B as described in CERN EDMS No. 1389669 Section 5.2.4.3.Upload Inspection Report. | [[Ins1Tech]] <<SRF>>[[Ins1Time]] <<TIMESTAMP>>[[Ins1Comm]] <<COMMENT>>[[Ins1File]] <<FILEUPLOAD>> |
| TESTING |
| 5a | Leak check the **Stainless Steel Jacket** following EN 13185 as per CERN EDMS No. 1389669 – Section 4.3.5.Upload any relevant photos and/or comments. | [[LC1Tech]] <<SRF>>[[LC1Time]] <<TIMESTAMP>>[[LC1Comm]] <<COMMENT>>[[LC1File]] <<FILEUPLOAD>> |
| 5b | Pressure test the **Stainless Steel Jacket** following EN 13445-5:2014 as per CERN EDMS No. 1389669 – Section 11.5.8 (38 psig)Upload any relevant photos and/or comments. | [[PT1Tech]] <<SRF>>[[PT1Time]] <<TIMESTAMP>>[[PT1Comm]] <<COMMENT>>[[PT1File]] <<FILEUPLOAD>> |

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| Step No. | Instructions | Data Input |
| TESTING |
| 6a | Pressure test the **Niobium Space** following EN 13445-5:2014 as per CERN EDMS No. 1389669 – Section 4.3.5 (38 psig)Upload any relevant photos and/or comments. | [[PT2Tech]] <<SRF>>[[PT2Time]] <<TIMESTAMP>>[[PT2Comm]] <<COMMENT>>[[PT2File]] <<FILEUPLOAD>> |
| 6b | Leak check the **Niobium Space** following EN 13158 as per CERN EDMS 1389669 – Section 4.3.5Upload any relevant photos and/or comments | [[LC2Tech]] <<SRF>>[[LC2Time]] <<TIMESTAMP>>[[LC2Comm]] <<COMMENT>>[[LC2File]] <<FILEUPLOAD>> |
| INSPECTION |
| 7 | Verify dimensions marked on drawing JL0086007\_CMMUpload inspection report. | [[Ins2Tech]] <<SRF>>[[Ins2Time]] <<TIMESTAMP>>[[Ins2Comm]] <<COMMENT>>[[Ins2File]] <<FILEUPLOAD>> |