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| Traveler Title | LCLS-II HE Field Probe Feedthru Receiving Inspection |
| Traveler Abstract | LCLS-II HE Field Probe feedthru receiving inspection traveler, this is for the work station VTA. |
| Traveler ID | L2HE-CAV-INSP-FPFT-S2 |
| Traveler Revision  | R1 |
| Traveler Author | HyeKyoung Park |
| Traveler Date | 26-Mar-2020 |
| NCR Emails | hkpark |
| Approval Names | HyeKyoung Park | Danny Forehand | Pete Kushnick | Katherine Wilson |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | Work Center Reviewer | Work Center 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. |
|  | Drawing GMM-9434A |  |  |  |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |
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| Step No. | Instructions | Data Input |
|  | **Pick up feedthrough (field probe) is an ultra high vacuum component. Wear talc free latex or Nitrile gloves at all times when handling this component**.**Feedthroughs shall be delivered by visual inspection team.** |  |
|  | **VTA** |  |
| 1 | Cold cycle [VTA] * Use dry nitrogen to remove trapped moisture from part.
* Place and fasten feedthroughs in cold shock feedthru mounting plate in test stand. Be cautious not to damage the niobium probe.
* Cool-down to 4K using standard cool-down rate, approx. room-temp to 4K in one hour.
* Fill dewar to approx. 30-50 cm. making sure that the feedthru is covered in liquid.
* Park at 30 minutes minimum.
* Warm to room-temp, repeat 2 additional times for a total of 3

Enter serial number, name and date.Provide comments and/or pictures if the cool down procedure was unsusual. When the cold cycle is done, pass the feedthroughs to a leak check operator. | [[FPFTSN]] <<FPFTSN>>[[Cryo\_name]] <<SRF>>[[Cryo\_date]] <<TIMESTAMP>>[[Cryo\_comment]] <<COMMENT>>[[VTA\_Pics]] <<FILEUPLOAD>> |