

The purpose of this form is to verify the presence of the appropriate quality assurance records for hardware shipments being installed at SLAC. **This form is required to be completed by ANL LCLS project personnel prior to authorizing shipments to SLAC.**

System or Component Name: LCLS Fixed Support Assembly

Date: _____

Part/Drawing Number: L143-143080-200000

Serial Numbers: _____

Supplier Name: Hi-Tech Manufacturing Inc

PO Number: 7A-08189

Responsible LCLS Technical Lead: M. White

Responsible Engineer(s): E. Trakhtenberg

No.	Record Name	Document number	Origin	Comments	Present (Y, N, NA)
1.	ANL Component Acceptance Record	LCLS	ANL	ANL Acceptance record of ANL acceptance date and applicable drawing revisions.	
2.	Dynamic CAM test results		ANL		
3.	Certificates of Conformance for Vibratory Stress Relief	NA	American Grinding	L1430802-200030, L1430802-200021, L1430802-200011	
4.	Certificates of Inspection	NA	Hi-Tech	L1430401-100101, L1430401-100201,	
5.	Certificates of Inspection	NA	Hi-Tech	L1430401-100103, L1430401-100303,	
6.	Copies of the ANL Inspection/Acceptance Report of Components for As-Built Drawings	L143-00093	Hi-Tech	Undulator Girder	
7.	Copies of the ANL Inspection/Acceptance Report of Components for As-Built Drawings	L143-00093	Hi-Tech	Interface Plate (Double CAM)	
8.	Copies of the ANL Inspection/Acceptance Report of Components for As-Built Drawings	L143-00093	Hi-Tech	Interface Plate (Single CAM)	
9.	Weld Certification	NA	Hi-Tech	Support Girder (L1430401-10040)	
10.	Inspection Planning & Report Form	NA	Metalex	Undulator Support Girder	
11.	Certificate of compliance – Stress Test	NA	Cincinnati Steel Treating Co.	Support Girder	
12.	Certificate of Conformance	NA	Metalex	Support Girder	
13.	Calibration Certificate – CMM metric & inches	TG13480 & TG13482	American Calibration Inc.	Unit is in working condition	Present in SM #1 QA
14.	Various MSDS for Paint & Oil and Concrete Epoxy Grease	NA	NA	MSDS for chemicals used.	
15.	Welding Operator Qualification Test Record	NA	Bodycote Taussig Inc.	Welders qualifications	
16.	Certificates of Conformance for Support Girder raw materials	NA	Metalex	Precision Steel Services Inc., Frederick Steel Co., CMC Steel	Present in SM #1 QA
17.	Certificate of Compliance /Statement of Quality	NA	The Sherwin-Williams Co.		
18.	Visual Weld Inspection Report	NA	Metalex	Girder Support	
19.	Visual Weld Inspection Report	NA	HiTech	Girder Support	

No.	Record Name	Document number	Origin	Comments	Present (Y, N, NA)
20.	Gearhead Inspection Report		GAM	In Folder	
21.	Certification of Single Axis Table		Lintech		Present in SM #1 QA
22.	Certificate of Conformance for CAM Motors		Animatics	Motors – In Folder	
23.	Shipping Crate Design Approval Record	NA	Hi-Tech		
24.	Misc. Photographs	NA	Hi-Tech		

Optional notes or Comments:

The Mill Certificates for the steel dimensions, chemical composition, and tensile properties are present for Girder serial number 1 only because the material for all of the girder assemblies was purchased at one time.

Signature of person that completed this checklist: _____ Date: _____

Concurrence signatures of the contents of this checklist:

Responsible ANL LCLS Engineer: _____ Date: _____

Responsible ANL QA Coordinator: _____ Date: _____

Responsible ANL LCLS Technical Lead: _____ Date: _____

ANL LCLS Project Manager: _____ Date: _____

Distribute this completed form to: ANL Records package. ANL LCLS QA. ANL LCLS Technical Lead