

Task Hazard Analysis (THA) Worksheet

(See [ES&H Manual Chapter 3210 Appendix T1](#)
[Work Planning, Control, and Authorization Procedure](#))

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Author:	Florian Hauenstein	Date:	July 23, 2020	Task #: If applicable	
Complete all information. Use as many sheets as necessary					
Task Title:	Installation, Maintenance and Usage of Laser Calibration System for LAD	Task Location:	Hall C		
Division:	Physics	Department:	Hall C	Frequency of use:	continuously
Lead Worker:					
Mitigation already in place: Standard Protecting Measures Work Control Documents	All workers on the Laser system for LAD in the hall complete SAF1112 (Hall C safety training), Laser system OSP (xx),				

Sequence of Task Steps	Task Steps/Potential Hazards	Consequence Level	Probability Level	Risk Code (before mitigation)	Proposed Mitigation (Required for Risk Code >2)	Safety Procedures/ Practices/Controls/Training	Risk Code (after mitigation)
1	Laser calibration system, invisible light 355nm, output max per pulse 51μJ	M	M	3	Service work on fiber and system requires laser system powered off and locked. All laser light is guided in fibers. Enclosed box with the laser system is interlocked at all times.	All service work on the Laser system needs laser training and laser-specific training of the system	1

Highest Risk Code before Mitigation:	3	Highest Risk Code after Mitigation:	1
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When completed, if the analysis indicates that the [Risk Code](#) before mitigation for any steps is “medium” or higher (RC≥3), then a formal [Work Control Document](#) (WCD) is developed for the task. Attach this completed Task Hazard Analysis Worksheet. Have the package reviewed and approved prior to beginning work. (See [ES&H Manual Chapter 3310 Operational Safety Procedure Program](#).)

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Form Revision Summary

Periodic Review – 08/13/15 – No changes per TPOC

Revision 0.1 – 06/19/12 - Triennial Review. Update to format.

Revision 0.0 – 10/05/09 – Written to document current laboratory operational procedure.

ISSUING AUTHORITY	TECHNICAL POINT-OF-CONTACT	APPROVAL DATE	REVIEW DATE	REV.
ESH&Q Division	Harry Fanning	08/13/15	08/13/18	0.1

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