

3210Appendix T2 Task Hazard Analysis (THA) Worksheet

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Author:					
Date:	04-02-2012	Task #: If applicable		Frequency of use:	1
Complete all information. Use as many sheets as necessary					
Task Location:	Hall-B		Task Title:	HPS SVT beam test using the Hall-B pair spectrometer	
Division:	Physics		Department:	Hall-B	
Lead Worker:	Stepan Stepanyan				
Mitigation already in place: Standard Protecting Measures Work Control Documents					

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	Installation of SVT	L	L	1	Standard practice	Skill of craft	N
2	Connecting and operating HV and LV power	L	L	1	Standard practice	Skill of craft	N
3	Cooling system	M	L	2	Interlocks to coolant flow and vacuum level to limit amount of coolant leak into the vacuum system	There will be hardware and software interlocks that will trip the chiller and close the solenoid valve, also will turn HV/LV OFF	1

Highest Risk Code before Mitigation:	2	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](#).)

ISSUING AUTHORITY	FORM TECHNICAL POINT-OF-CONTACT	APPROVAL DATE	EFFECTIVE DATE	EXPIRATION DATE	REV.
ESH&Q Division	Harry Fanning	10/05/09	01/01/09	10/05/12	0

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