

Task Hazard Analysis (THA) Worksheet

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

Click
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Author:	Steven Lassiter	Date:	Dec 15 2014	Task #: If applicable	
Complete all information. Use as many sheets as necessary					
Task Title:	Pressure Testing	Task Location:	Hall C		
Division:	Physics	Department:	Hall C	Frequency of use:	6 to 7
Lead Worker:	Andrew Kenyon				
Mitigation already in place: Standard Protecting Measures Work Control Documents	Pressure Test Procedure for SHMS Magnet's He and LN2 Pressure Test Procedure for SHMS Warm He Gas Line Appropriate JLAB training Appropriate PPE				

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	Perform Pressure test	M	L	2	Wear hearing protection and safety glasses. Minimize personnel exposure to test by posting signs and employing watch personnel	Training SAF100, SAF103, SAF130; ESH&Q Chapter 6151-T4; ASME B31.3 & P&PVC VIII Division 1	1

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Sequence of Task Steps	Task Steps/Potential Hazards	<u>Consequence Level</u>	<u>Probability Level</u>	<u>Risk Code</u> (before mitigation)	Proposed Mitigation (Required for <u>Risk Code</u> >2)	Safety Procedures/ Practices/Controls/Training	<u>Risk Code</u> (after mitigation)
	Pressure system burst hazards	H	L	3	Use appropriate relief valves(s). Use only ductile piping & minimize uncontrolled movement of lines by restraining piping to its installed positions. Wear hear protection Wear safety glasses Minimize personnel exposure to test by means of posted signs and employing watch personnel	Training SAF100, SAF103, SAF130; ESH&Q Chapter 6151-T4; ASME B31.3 & P&PVC VIII Division	1
	ODH	L	L	1	None required	ESH&Q 6540	1

Highest Risk Code before Mitigation:

3

Highest Risk Code after Mitigation:

1

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

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 REQUIRED DATE	REV.
ESH&Q Division	Harry Fanning	06/19/12	06/19/15	0.1

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For questions or comments regarding this form contact the Technical Point-of-Contact [Harry Fanning](#)