

NSLS OHSAS Job Risk Assessment

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Job Step / Task	Hazard	Before Controls						Initial Controls	After Initial Controls					Control(s) Added to Reduce Risk	After Additional Controls				
		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD
Work with vacuum systems	See LS-JRA-0008 for work with vacuum systems																		
Electrical work >= 50 v and <=240 v in an energized state	See LS-JRA-0003 for troubleshooting energized electrical equipment in range in range >=50v and <=240v																		
Use of Portable Ladders	See LS-JRA-0036 for use of portable ladders																		
Heating components with cal rods or heater tapes	Contact with temperature extremes (Burns)	N	1	3	2	4	24	Heating blankets and/or foil covering heating elements, heat tape is in good condition, use of Variac to control voltage & temperature, use of proper 2- or 3-prong plugs dependent on heating element, training, proper	1	3	2	3	18						

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								labeling, PPE, administrative controls such as preventing access.													
Heating components with cal rods or heater tapes	Skin irritation and breathing dust from white fiberglass tape.	N	1	3	1	4	12	Heat tape is in good condition, substitute with heating blanket if cost and configuration allow, avoid contact with skin if possible, mask and or sleeves (as appropriate), wash down after use.	1	3	1	4	12	Substitute damaged white heating tapes with new, tapes that are available in the NSLS stockroom	1	3	1	4	12	0	
Further Description of Controls Added to Reduce Risk:																					
*Risk:	0 to 20 Negligible	21 to 40 Acceptable					41 to 60 Moderate					61 to 80 Substantial					81 or greater Intolerable				

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Review signatures on file with master copy of controlled document		
Rev	Description	Date
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