

NSLS OHSAS Job Risk Assessment

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Name(s) of Risk Team Members: B. Chmiel, Nicholas Gmür, Michael Sullivan	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Hand held power tool use	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: LS-JRA-0013	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Job Description: Use of hand held power tools for construction, assembly, or repair of equipment	Likelihood (D)	Extremely Unlikely <<1x/20yrs	Unlikely 1x/10-20yrs	Possible >1x/10-20yrs	Probable 1x/yr	Multiple >1x/yr
Training and Procedure List (Optional):						
Approved by: A. Ackerman Date: 06/24/2008 Rev. #: 2 Revision Log						
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

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

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Using hand held power tools	Cuts	N	1	3	4	3	36	Proper guards (where applicable), proper hand position, keep tools appropriately sharp for the material being cut, long pants, enclosed or safety shoes, safety glasses, (gloves are usually discouraged as they interfere with grip)	1	3	2	2	12							
	Struck by part being worked on or chips	N	1	3	4	3	36	Safety glasses with side shields, proper guards (where applicable), clothing as above	1	3	2	2	12							
	Strains, slips, falls	N	1	3	3	3	27	Proper body position Housekeeping, Tier I	1	3	2	2	12							
	Contact with extreme temperatures (burns)	N	1	3	2	3	18	Heat or cold resistant gloves, safety glasses,	1	3	2	2	12							

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	Electric shock	N	1	3	3	2	18	GFCI, cords/plugs in good condition, tools in good working condition, housekeeping, proper work planning, proper permits, Tier I	1	3	2	1	6								
	Electrocution	N	1	3	5	1	15	GFCI, cords/plugs in good condition, tools in good working condition, housekeeping, proper work planning, proper permits, Tier I	1	3	1	1	3								
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				