

NSLS OHSAS Job Risk Assessment

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Name(s) of Risk Team Members: B. Chmiel, L. Fareria, B. Kiss, E. Losee, C. Nielson	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Hand Tool Use	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: LS-JRA-0014						
Job Description: Use of non-powered hand held tools for construction, assembly, or repair of equipment	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
	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: W. R. Casey Date: 9/8/05 Rev. #: 1 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	Risk* AxBxCxD
Using non-powered hand tools	Cuts or scrapes	N	1	4	2	3	24	Proper tools in good condition, correct use of tools, gloves	1	4	1	2	8						
	Striking hand or arm against a surface	N	1	4	2	3	24	Proper tools in good condition, correct use of tools, gloves	1	4	1	2	8						

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		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	% Risk Reduction
Using non-powered hand tools	Strain injuries	N	1	4	3	3	36	Proper body position, Proper tools in good condition correct use of tools, Housekeeping, Tier I	1	4	2	2	16							
Using non-powered hand tools	Struck by flying objects Metal chips etc.	N	1	4	4	3	48	Safety glasses with side shields.	1	4	1	3	12							
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		