

NSLS OHSAS Job Risk Assessment

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Name(s) of Risk Team Members: NSLS Electricians, Al Boerner, Keith Klaus, Gary Nintzel, John Gallagher, Joann Giambalvo, Tony Mendez	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Use of Portable Ladders	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Number or Job Identifier: LS-JRA-0036						
Job Description: Using portable ladders throughout the NSLS facility	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): "Fall Protection" SBMS Subject Area "Portable Ladder Safety" computer-based web course (TQ-LADDER)						
Approved by: A. Ackerman Rev. # 3	Date: 09/03/10 Revision Log					
Stressors (if applicable, please list all):		Reason for Revision (if applicable): Periodic review			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	% Risk Reduction
Installing and removing portable ladder from worksite.	Overexertion injuries-excessive lifting, pushing, pulling, holding or carrying (single person)	N	1	4	3	2	24	Proper lifting techniques, use of Assistant for lift, training	1	4	2	2	16	Wall-mounted ladders around expt'l floor	1	4	2	2	16	0

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	Being struck by an object.	N	1	4	2	3	24	Use of Assistant for lift, training	1	4	2	2	16							
	Becoming compressed by an object (pinch point)	N	1	4	2	3	24	Proper lifting techniques	1	4	2	2	16							
	Using a damaged ladder	N	1	4	4	3	48	Examination of ladder before use. Discard defective ladders. Tier I.	1	4	4	1	16							
	Hit another object when moving a ladder (equipment, personnel, electrical)	N	1	4	5	2	40	Assistant for lift, awareness of surroundings	1	4	5	1	20							
Working from a portable ladder.	Falls to lower level.	N	1	4	5	3	60	Ladder safety training, inspecting ladder before use, Tier I, use caution when reaching beyond the normal work zone, esp. on tripod type ladders.	1	4	5	2	40							
Carrying or working with tools on a portable ladder	Being struck by dropped object.	N	1	4	3	3	36	Using ropes to lift objects, ladder safety training, tool holders on ladder and on worker's belt	1	4	3	2	24							

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		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Initial Controls	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction	
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				