

## NSLS OHSAS Facility Risk Assessment

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<b>Name(s) of Risk Team Members:</b> Reviewed by OHSAS Committee	<b>Point Value → Parameter ↓</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Area/Facility Description Title:</b> <b>General Material Handling Hazards</b>	<b>Occupancy or Use</b>	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
<b>Area/Facility # (if applicable):</b> <b>LS-FRA-0005</b>						
<b>Area/Facility Description:</b> General Material Handling Hazards throughout the NSLS complex.	<b>Severity</b>	<b>First Aid Only</b>	<b>Medical Treatment</b>	<b>Lost Time</b>	<b>Partial Disability</b>	<b>Death or Permanent Disability</b>
	<b>Likelihood</b>	<b>Extremely Unlikely</b> <<1x/20yrs	<b>Unlikely</b> 1x/10-20yrs	<b>Possible</b> >1x/10-20yrs	<b>Probable</b> 1x/yr	<b>Multiple</b> >1x/yr
<b>Approved by:</b> A. Ackerman <b>Rev.#:</b> 2	<b>Date:</b> 08/15/2008 <a href="#">Revision Log</a>					
<b>Reason for Revision (if applicable):</b>				<b>Comments:</b>		

Physical Item or Activity	Hazard(s)	Before Controls				Initial Controls	After Initial Controls				Control(s) Added to Reduce Risk	After Additional Controls				% Risk Reduction
		Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Near overhead cranes (electric, manual, or pneumatic) being used to lift or move load.	Being struck by dropped object	3	5	3	45	Cranes locked- access only to trained individuals, Crane training, Assistant Operator to verify clear path of travel, hard hat if entering barricaded areas, audible warning on crane trolley	2	5	2	20						
	Being struck with moving load or swinging crane hook	3	3	3	27		2	3	1	6						

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Physical Item or Activity	Hazard(s)	Before Controls				Initial Controls	After Initial Controls				Control(s) Added to Reduce Risk	After Additional Controls				% Risk Reduction
		Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Near fork truck being used to move load	Being crushed/run over by moving fork truck	2	5	3	30	Qualified trained operator, audible warning on fork truck as required	2	5	2	20						
	Being struck by load	2	5	3	30		2	5	2	20						
	Being crushed/struck by fork truck (tipping over)	2	5	3	30		2	5	2	20						
Near pallet jack being used to move load	Being struck by load	3	3	3	27	Paying attention to surroundings, verbal warning from pallet jack operator.	3	3	2	18						
	Being struck by object (rolling pallet jack)	3	3	3	27		3	3	2	18						
Further Description of Controls Added to Reduce Risk:																
<b>*Risk:</b>	<b>0 to 20 Negligible</b>	<b>21 to 40 Acceptable</b>				<b>41 to 60 Moderate</b>				<b>61 to 80 Substantial</b>				<b>81 or greater Intolerable</b>		