
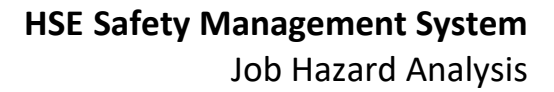


<b>Project:</b>				<b>Site Location:</b>	
<b>Job Title:</b>		<b>Handling Hazardous Materials &amp; Waste</b>		<b>Operations Approval (Name; Position):</b>	
<b>JHA Developed By (Name; Position):</b>					
<b>JHA Revised By (Name; Position):</b>				<b>HSE Approval (Name; Position):</b>	
<b>JHA Revision Date:</b>				Dean Neuburger; Director, OHS&E	
Job Steps		Potential Hazards	Risk Rating (Before Controls)	Hazard Controls	Risk Rating (After Controls)
1	Cleanup of Blood, Needles, Feces, Vomit, or Body Fluids	<ol style="list-style-type: none"> <li>Contact with Infectious diseases, infection, illness, cleaning products,</li> <li>Contact by cut or skin puncture, splash in eye, breath in cleaning products</li> </ol>	A4	<ol style="list-style-type: none"> <li>Hazard assessment of area prior to start of task. Wear all site and JHA specific PPE at all times. Training and knowledge of cleanup procedures and proper PPE selection, proper hygiene, use tongs to pickup needles, proper disposal in hazardous waste containers,</li> <li>Wear gloves, glasses/goggles and all other specified PPE, know where nearest eye wash station is located. Dispose of any contaminated clothing or PPE. Use proper ventilation and dilution ratios. Wear respirator / mask if necessary.</li> </ol>	C5
2	Cleanup Oil Spills	<ol style="list-style-type: none"> <li>Hit by mobile equipment during cleanup.</li> <li>Skin irritation and absorption, splash in eye.</li> <li>Strains lifting contaminated materials.</li> <li>Slip, trips and falls due to ground conditions</li> </ol>	B4	<ol style="list-style-type: none"> <li>Control spill zone with barricades, cones or tape. Stop, look and listen for mobile equipment and wear hi-vis vest as required. Use spill kits to contain area, properly dispose in designated disposal drum.</li> <li>Wear all PPE, worker training and education, use drip pans and catch basins, use proper lifting techniques, WHIMIS and MSDS.</li> <li>Stretch and flex before starting, ask for help when lifting 45lbs or more.</li> <li>Keep work area clean, put up signs to identify slipping hazards until controlled.</li> </ol>	C5
3	Asbestos Removal	<ol style="list-style-type: none"> <li>Asbestosis, Cancer, Mesothelioma.</li> <li>Strains, sprains due to heavy lifting</li> <li>Heat exhaustion due to overexertion</li> </ol>	B2	<ol style="list-style-type: none"> <li>Worker training and education on asbestos recognition, sampling/testing, and safe removal. Proper removal procedures and disposal, WCB permit for removal and disposal in proper location. Asbestos removal signage (in progress) identification. Use wet spray technique, plastic to contain material, decontaminated materials disposal coveralls/boots/hood, neoprene gloves, double up plastic bags with contaminated material. Label asbestos, tape off area and label asbestos</li> </ol>	D4

				removal, respirator based on risk assessment w/P100 filters. 2. Get help when lifting 45lbs or more .Stretch and Flex periodically. 3. Take regular breaks to avoid overheating, keep hydrated. .	
4	Cleanup of mould and animal feces	1. Contact with Hantavirus, airborne mold spores, respiratory irritation and long-term health issues. 2. Musculoskeletal Injuries due to heavy lifting. 3. Heat exhaustion due to overexertion.	B2	1. Training and knowledge of cleanup procedures and proper PPE selection, properly fitted respirator with P100 filter, proper handling and disposal of contaminated material, proper ventilation, HEPA filter and vacuum, use poly and negative pressure to contain area as required, disposal coveralls w/ hood and boot covers, neoprene gloves. 2. 2. Get help when lifting 45lbs or more, stretch and flex before starting and as required during task, double bag and label contents. 3. 3. Keep Hydrated, take regular breaks to avoid overheating.	D4
			<b>A4 (High)</b>		<b>C4 (Low)</b>

Safety Guidelines Required For task									
Process		PPE		Health		Training		Environment	
<input checked="" type="checkbox"/>	Pre Job Hazard Analysis	<input type="checkbox"/>	Arc flash coveralls	<input type="checkbox"/>	Nitrile glove	<input type="checkbox"/>	Bear awareness	<input type="checkbox"/>	Spill kit
<input type="checkbox"/>	FLRA	<input checked="" type="checkbox"/>	Disposable coveralls	<input type="checkbox"/>	Hand Washing	<input type="checkbox"/>	CTEC	<input type="checkbox"/>	Drip trays
<input checked="" type="checkbox"/>	JHA review	<input type="checkbox"/>	Ear plugs	<input type="checkbox"/>	Ergonomics	<input type="checkbox"/>	CSTS	<input type="checkbox"/>	Traffic Mgt.
<input type="checkbox"/>	Signage (Safety/Wet Floor)	<input type="checkbox"/>	Ear muffs	<input checked="" type="checkbox"/>	Cut gloves	<input type="checkbox"/>	Confined space	<input type="checkbox"/>	Wildlife Mgt.
<input type="checkbox"/>	Spotter	<input checked="" type="checkbox"/>	Hard hat	<input type="checkbox"/>	Chain-mail gloves	<input type="checkbox"/>	Fall protection	<input type="checkbox"/>	Bear spray
<input type="checkbox"/>	LOTO	<input type="checkbox"/>	Harness	<input type="checkbox"/>	Leather gloves	<input type="checkbox"/>	Fire extinguisher	<input type="checkbox"/>	Air horn
<input type="checkbox"/>	PTW (Permit to Work)	<input type="checkbox"/>	Lanyard	<input checked="" type="checkbox"/>	½ Respiratory mask	<input type="checkbox"/>	LOTO	<input type="checkbox"/>	Vibration
<input type="checkbox"/>	Toolbox	<input type="checkbox"/>	Life line	<input type="checkbox"/>	Other	<input type="checkbox"/>	Loader	<input type="checkbox"/>	Ventilation
<input type="checkbox"/>	Ventilation	<input type="checkbox"/>	Knee pads	<input type="checkbox"/>		<input type="checkbox"/>	Skid steer	<input type="checkbox"/>	Other
<input type="checkbox"/>	SDS review	<input checked="" type="checkbox"/>	Sealed eyewear	<input type="checkbox"/>		<input type="checkbox"/>	Spill responder	<input type="checkbox"/>	
<input type="checkbox"/>	Fall Protection Plan	<input checked="" type="checkbox"/>	Steel toed boots (6" ankle)	<input type="checkbox"/>		<input type="checkbox"/>	TDG	<input type="checkbox"/>	
<input type="checkbox"/>	Barricades	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	WHIMIS	<input type="checkbox"/>	
<input type="checkbox"/>	Temp logs and verification	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	Other	<input type="checkbox"/>	
<input type="checkbox"/>	Other	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

Probability	Severity					
		Catastrophic Death or multiple life-threatening principals	Major Life threatening injury or multiple serious injuries causing hospitalization	Moderate Significant serious injury Non- permanent injury	Minor Medical Help needed, Treatment by medical professional	Insignificant Injuries or ailments not requiring medical treatment
		1	2	3	4	5
	A Almost Certain: <small>Almost certain to occur in most circumstances</small>	1	1	1	2	2
	B Likely: <small>Likely to occur frequently</small>	1	1	2	2	2
	C Possible: <small>Possible and likely to occur at some time</small>	1	2	2	2	3
	D Remotely Possible: <small>May occur in rare and exceptional circumstances</small>	2	2	2	3	3

[illegible]



**HSE Safety Management System**  
Job Hazard Analysis