


Job Title:		Electrically Powered Tools		Operations Approval (Name; Position):	
JHA Developed By (Name; Position):					
JHA Revised By (Name; Position):				HSE Approval (Name; Position):	
JHA Revision Date:				Dean Neuburger, Director OHS&E	
Job Steps		Potential Hazards	Risk Rating (Before Controls)	Hazard Controls	Risk Rating (After Controls)
1	Tool Selection.	<ol style="list-style-type: none"> Selecting the wrong tool for the task. Defective tools. Pinch points when handling the tools. Musculoskeletal injuries (MSI). 	C4	<ol style="list-style-type: none"> Select the appropriate tool for the task based on the intention of the tool's manufacturer and SWP requirements. Ensure there are not tags on the tool indicating a defect in its safe operation. Ensure proper hand and body positioning when picking up tools. Ensure proper housekeeping of tool storage areas. Stretch and flex before and during work. Get assistance when lifting or moving heavy tools, machinery or materials (>45lbs), or when size creates awkward body position. 	C5
2	Pre-use Inspection of Power tools.	<ol style="list-style-type: none"> Musculoskeletal injuries (MSI). Cuts and lacerations. Inadequate inspection. 	C4	<ol style="list-style-type: none"> Stretch and flex before and during work. Get assistance when lifting or moving heavy tools, machinery or materials (>45lbs), or when size creates awkward body position. Appropriate gloves to be worn at all times, even before actual work has begun. Inspections should be conducted by a worker who is competent in the inspection and use of the tool. 	C5
3	Setting up of Work Area.	<ol style="list-style-type: none"> (MSI) due to heavy lifting, bending over, or twisting. Pinch Points Hearing damage. Mobile equipment operating in the area. Ground and weather conditions. Slips trips or falls to same level or on/over objects. 	C3	<ol style="list-style-type: none"> Stretch and flex before and during work. Get assistance when lifting or moving heavy tools, machinery or materials (>45lbs), or when size creates awkward body position. Be aware of hand and body positioning as well as others around you. Hearing protection worn when using power tools High visibility outerwear to be worn at all times. Create a safe work zone using flagging tape and tags to alert others of your work area, if feasible. Proper work planning and area set up. Be mindful of your footing. Do not set up a work zone near an unguarded ledge. If possible select a clear flat work area. 	C5

4	Using the Power Tools.	<ol style="list-style-type: none"> 1. MSI due to awkward work positions. 2. Cuts, punctures, or amputations due to losing control of the tool. 3. Kickbacks (rotating tools) 4. Electric shock 	B3	<ol style="list-style-type: none"> 1. Stretch and flex as needed. If the work area is causing awkward positioning consider altering your work station. 2. Documented inspection of equipment prior to start of task. Proper maintenance of equipment. 3. Bladed tools: never place yourself or extremities in the line of fire. Drilling tools: brace the tool against a solid surface that can absorb the sudden shock 4. Ensure cords are not running through water. Proper inspection of the tool includes all visible electric components. 	C5
5	Performing standard adjustments.	<ol style="list-style-type: none"> 1. Pinch Points. 2. Cuts, scrapes, and lacerations. 3. Accidental engagement of the tool. 	C4	<ol style="list-style-type: none"> 1. Be aware of hand and body positioning. 2. Gloves appropriate to the task must be worn at all times. 3. Energy Isolation: Always ensure the power supply has been disconnected and remains in the workers view and control. 	C5
Highest Task Risk Rating			B3 (med)	Highest Task Risk Rating	C5 (low)

Safety Guidelines Required For task													
Process		PPE			Health		Training		Environment		Security		
	Pre Job Hazard Analysis		Arc flash coveralls		Yak tracks - Cleats		Nitrile glove		Bear awareness		Spill kit		Working Alone
	FLRA		Disposable coveralls		Goggles		Hand Washing		CTEC		Drip trays		Daylight time only
	JHA review		Ear plugs		Face shield		Ergonomics		CSTS		Traffic Mgt.		Guards & barriers
	Signage (Safety/Wet Floor)		Ear muffs		Cut gloves		Other		Confined space		Wildlife Mgt.		Journey Mgt.
	Spotter		Hard hat		Chain-mail gloves				Fall protection		Bear spray		Buddy system
	LOTO		Harness		Leather gloves				Fire extinguisher		Air horn		Radio contact
	PTW (Permit to Work)		Lanyard		½ Respiratory mask				LOTO		Vibration		ERP contact list
	Toolbox		Life line		Other				Loader		Ventilation		Other
	Ventilation		Knee pads						Skid steer		Other		
	SDS review		Sealed eyewear						Spill responder				
	Fall Protection Plan		Steel toed boots						TDG				
	Barricades								WHIMIS				
	Temp logs and verification								Other				
	Other												

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: Almost certain to occur in most circumstances	1	1	1	2	2
	B	Likely: Likely to occur frequently	1	1	2	2	2
	C	Possible: Possible and likely to occur at some time	1	2	2	2	3
	D	Remotely Possible: May occur in rare and exceptional circumstances	2	2	2	3	3

[illegible][illegible]