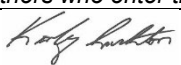




Safe Work Practice (SWP)

Name of Task: Working with Electricity	
Department/Unit: Trades	
Personal Protective Equipment or other required equipment or other safety considerations: <ul style="list-style-type: none">• Eye Protection Required• Long or loose hair must be tied back or contained• No loose-fitting clothing• No jewelry, watches, rings, necklaces etc.• CSA Approved Safety Footwear required	
Hazards: <ul style="list-style-type: none">• Electrical Shock• Electrocution resulting in death• Falls• Fire Hazard	
Required Training	<ul style="list-style-type: none">• Successful completion of NBCC Safety Course (Work Safely or Workplace Safety Practices)• Shop safety orientation• Read and understand SWP• For students, practical demonstration and Instructor supervision required
Pre-Operational Safety Checks	<ul style="list-style-type: none">• Inspect required personal protective equipment and replace if required.• Ensure you are aware of electrical hazards prior to the commencement of work• Ensure qualified workers are made aware of work being performed near power lines so that they have adequate time to install protection barriers around the electrical source prior to the commencement of work• Replace all faulty electrical cords
Prohibited Activities	<ul style="list-style-type: none">• Do not operate equipment with faulty power cords• Do not work within 3m of overhead power lines that have not been protected by a qualified person• Do not operate electrically energized equipment near a water source• Do not move a load that exceeds the maximum height limit
Steps to be taken to complete task safely:	
1	Wear appropriate personal protective equipment (PPE).
2	Locate and replace all faulty electrical equipment prior to starting work.
3	Locate potential electrical hazards in the surrounding work area.
4	Ensure only qualified people are operating equipment in and around power sources.
5	Maintain specified distance from overhead lines while loading and unloading material.
6	Recheck clearance from electrical lines each time you operate a machine. (power lines can fluctuate with temperature, which can cause lines to sag)

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7	<p>If equipment connects with a power source, do the following:</p> <ul style="list-style-type: none"> -Stay call -Stay where you are, and call for help -Tell co-workers to stay away from the equipment -If you are presented with an emergency, such as an immediate fire hazard that requires you to move, keep your feet together and hop away from the electrical source, ensure that you are not touching the equipment and the ground at the same time.
8	<p>If electrical contact occurs wait at least one hour to inspect the equipment. All tires, hoses and hydraulic equipment will need to be inspected before use. Tires require a minimum of 1 hour to cool down after being de-energized.</p>
	<p>If an emergency occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.</p> <p>REPORT ANY HAZARDOUS SITUATION TO YOUR INSTRUCTOR/SUPERVISOR IMMEDIATELY</p> <p>Housekeeping</p> <ul style="list-style-type: none"> • Ensure individuals are qualified to operate electrical tools being used, or equipment being used within proximately to an electrical hazard. • Call qualified power officials after you job is complete if electrical barriers can be removed. • Ensure the equipment is safe, clean and tidy before you leave it.
Responsibilities, Completion and Review	
<p><i>Management and workers to ensure all duties performed in accordance to training, established health and safety regulations/guidelines, policies and procedures (e.g. utilizing personal, protective equipment as per SAFE Work Procedures). Notify Manager or designates (i.e. supervisors) of all occurrences, injuries illnesses or safety and health concerns which are likely to harm themselves, co-workers, or any others who enter the premises.</i></p>	
<p>Completed by and Date: Ashley Ritchie, 1/28/2021</p>	<p>Approved by: </p>
<p>Last Reviewed / Revised by and Date:</p>	<p>Note: This task will be monitored periodically to ensure compliance and effectiveness.</p>

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