

SWP (safe work procedure): Power Tool Use: Circular Saw, Hammer Drill, Concrete Chipper

- Please note worker must have previous training and or experience to use the stated tools and methods stated below.

Task: Using a power tool: - Circular saw - Hammer drill - Concrete chipper - Other	Tools/devices required: - Required power tool - Power source - Extension cord - Safety glasses - Hearing protection - Work-gloves - Safe work surface - Tape measure - Marking tool - Respirator
--	--

Task	Potential Hazard	Hazard Controls
- Assess work areas for hazards - Determine scope of work - Complete Arkay FLHA - Ensure there is no hidden electrical hazards in cut/drill locations	- Unsafe access - Slip/trip - Congested work areas - Electrical hazards in cut/drill locations	- Correct hazards if within the workers ability - If the worker cannot correct the hazard, it must immediately be reported to the CSO
- Assess the tool(s) and extension cords for damage	- Damage and defects are possible	- The damaged tool/extension cords must be red-tagged and immediately removed from service
- Ensure all required specialized PPE is present and in good working order	- Improperly worn PPE - Absent PPE - Damaged PPE	- Wear PPE according to manufacturer's instructions - Use all required PPE - Red-tag damaged PPE immediately - Replace consumable PPE (respirator filters, gloves, ear plugs) as needed
- Mark material cut/drill locations accurately - Check material and drill locations for hidden hazards (electrical) .../page 2	Circular saw: - Saw binding/kick back - Improper saw blade depth - Improper guard use - Hearing damage - Eye damage - Unsafe cutting surface Hammer drill: - Percussion injury - Electrical injury - Eye damage - Hearing damage - Respiratory exposures	Circular saw: - Cut material in straight lines - Set correct saw blade depth - Do not wedge guards open - Use ear plugs - Use safety glasses - Use level cutting surfaces Hammer drill: - Work within physical abilities - Check with CSO/Trade for hidden electrical sources in drill locations - Wear safety glasses - Wear hearing protection - Use a respirator with combined methods of control

	Concrete chipping: - Percussion injury - Muscle strain - Eye damage - Hearing damage - Respiratory exposures	Concrete chipping: - Work within physical abilities - Stretch prior to work - Wear safety glasses - Wear hearing protection - Use a respirator with combined methods of control
After task completion: - Return any guardrails or barriers to pre-task installation - Dismantle any temporary cut table/surface - Clean any excess materials	After task completion: - Failure to re-install guardrails/barriers can lead to serious injury or death - Excess materials left behind create slip/trip hazards	After task completion: - Re-install barriers/guardrails - Clean up excess materials - Return tools and devices to site lock up
- Change clothes - Wash off excess dust/grime/sweat	- Secondary particulate exposure - Irritation - Dermatitis	- Change clothes to reduce secondary exposure - Wash hands/face to reduce irritation/dermatitis hazard