



## JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION ( City, State) <b>Brieser Construction</b>		DATE 06/01/23	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
WORK ACTIVITY (Description): <b>Walk Behind Saw (Concrete or Asphalt)</b>				
<b>DEVELOPMENT TEAM</b>	<b>POSITION / TITLE</b>	<b>REVIEWED BY:</b>	<b>POSITION / TITLE</b>	
Kevin Colwell	Director of Safety			
Jim Rodawald	Foreman			
Shannon Johnson	Safety Coordinator			
<b>MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT ( SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)</b>				
<input type="checkbox"/> REFLECTIVE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input checked="" type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input type="checkbox"/> PPE CLOTHING	<input type="checkbox"/> GLOVES Cut-resistant <input checked="" type="checkbox"/> OTHER Double Hearing Protection	
<b><sup>1</sup>JOB STEPS</b>	<b><sup>2</sup>POTENTIAL HAZARDS</b>	<b><sup>3</sup>CRITICAL ACTIONS TO MITIGATE HAZARDS</b>		
1) Walk Down Work Area/Identify Utilities  2) Inspect and Prepare Saw	<ul style="list-style-type: none"> <li>Utility strike/Other unsafe conditions/atmospheres</li> <li>Slips/Trips/Falls</li> <li>Damaged Equipment</li> <li>Damaged/Worn blades that could break or provide more cutting resistance</li> </ul>	<ul style="list-style-type: none"> <li>Job lead will walk down job with PM or area leader to identify potential utility/plant infrastructure conflicts.</li> <li>Remove/Mark/Identify obstructions to work activities and coordinate with other personnel/contractors to be clear of cutting operations.</li> <li>Ensure all utilities have been located via 811 or plant contact.</li> <li>Inspect saw. Make sure all guards are in place, emergency switches work, and machine is in good operating condition.</li> <li>Inspect all blades. New blades could have been damaged in shipment or handling.</li> <li>Blade shaft collars must be of proper diameter for the size blade being use or blade could become disengaged.</li> <li>Disconnect spark plug and engage and use the blade lock pin whenever installing a new blade to prevent accidental start up/blade rotation.</li> </ul>		



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<p>3) Cut concrete with saw</p>	<ul style="list-style-type: none"> <li>• Heat Stress</li> <li>• Sprain/Strain</li>   <li>• Sharp Objects</li>     <li>• Struck by</li>     <li>• Pinch Points</li>     <li>• Electrocutation</li> </ul>	<ul style="list-style-type: none"> <li>• Intake of fluids to prevent dehydration, rotate crew to prevent fatigue/heat stress.</li> <li>• DO NOT attempt to lift/carry saw. Use mechanical means to transport/load/unload the saw..</li> <li>• Do not use saw unless all guards are in place.</li> <li>• Ensure saw is off before changing blades</li> <li>• Wear gloves when changing blades or handling other sharp objects.</li> <li>• Never stand in front of the saw when the blade is rotating.</li>   <li>• Where reflective vests when in high traffic areas.</li>   <li>• Never approach the saw until eye contact has been established with the saw operator.</li>   <li>• Barricade work area to keep other personnel out of the work area.</li>   <li>• Isolate/block pinch points to limit motion when inserting pins, fasteners, gates, etc.</li>   <li>• Keep extremities (especially hands) clear of moving/suspended materials and equipment.</li>   <li>• Keep all cords clear of cutting operations.</li>   <li>• All cords in the area must be GFCI protected.</li> </ul>
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<sup>1</sup> Each Job or Operation consists of a set of steps. Be sure to list all the steps in the sequence that they are performed. Specify the equipment or other details to set the basis for the associated hazards in Column 2

<sup>2</sup> A hazard is a potential danger. What can go wrong? How can someone get hurt? Consider, but do not limit, the analysis to: **Contact** - victim is struck by or strikes an object; **Caught** - victim is caught on, caught in or caught between objects; **Fall** - victim falls to ground or lower level (includes slips and trips); **Exertion** - excessive strain or stress / ergonomics / lifting techniques; **Exposure** - inhalation/skin hazards. Specify the hazards and do not limit the description to a single word such as "Caught"

<sup>3</sup> Aligning with the first two columns, describe what actions or procedures are necessary to eliminate or minimize the hazards. Be clear, concise and specific. Use objective, observable and quantified terms. Avoid subjective general statements such as, "be careful" or "use as appropriate".