

Long pants are required to be worn at all times while operating this equipment.

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> <li>• Don all required PPE for use of the Circular Saw. Approved Safety Glasses with side shields, Long Pants, Closed Toe Shoes, and Ear Plugs.</li> <li>• Additional foot protection is needed when working with heavy parts and pieces.</li> <li>• Tuck in shirt, not loose fitting clothing or jewelry.</li> <li>• Long hair must be pulled back or tucked into a hat.</li> <li>• Ensure cord isn't frayed and is in good condition</li> <li>• Ensure guard is working properly. The guard should cover the blade at all times. Once the saw is used to make the cut, the guard will continue to cover the exposed part of the blade but will allow room for the cut.</li> <li>• Work with the supervisor of the space to review operation and ensure all risks have been addressed.</li> </ul>
Prepare material for cutting	Abrasions/Lacerations, Pinch Points, Muscle Strains, Falling Objects	<ul style="list-style-type: none"> <li>• Be aware of hand and body placement when handling material to prevent hand injury and pinch points.</li> <li>• Wear gloves.</li> <li>• Use proper lifting techniques when lifting material.</li> <li>• Ask for help if material is too heavy or awkward.</li> <li>• Wear closed toe shoes and long pants to prevent injury should the material be dropped or fall. Toe guards are required when using heavy material.</li> </ul>

			<ul style="list-style-type: none"> <li>Secure the material with C-Clamps or ask for help.</li> </ul>
Check blade depth		Abrasions/Lacerations	<ul style="list-style-type: none"> <li>Check blade depth and adjust accordingly.</li> <li>Wear gloves.</li> </ul>
Make the cut		Abrasions/Lacerations, Noise Hazards, Flying/Falling Objects, Muscle Strains, Slip/Trip/Fall	<ul style="list-style-type: none"> <li>Make sure the saw is lying level prior to start up to prevent kick back.</li> <li>Be aware of hand and body placement to prevent injury and pinch point hazards.</li> <li>Wear gloves.</li> <li>Be aware of the location of the cord to prevent electrical hazards.</li> <li>Saw will produce high noise.</li> <li>Wear ear plugs while making the cut.</li> <li>To prevent from eye injury, wear safety glasses during the cut due to flying debris.</li> <li>Do not stretch to make the cut. This can cause a kick back of the saw.</li> <li>Wear closed toe shoes and long pants to prevent injury from falling object injuries.</li> <li>Ensure the area where the cut is being made is clear of obstructions to prevent slip/trip/fall hazards.</li> </ul>
Turn off the saw		Abrasions/Lacerations	<ul style="list-style-type: none"> <li>The blade will not stop immediately.</li> <li>Ensure the guard is back in place over the blade prior to putting it down.</li> <li>Wear gloves.</li> </ul>
Remove cut material		Abrasions/Lacerations, Pinch Points, Muscle Strains, Falling Objects	<ul style="list-style-type: none"> <li>Be aware of hand and body placement when handling material to prevent hand injury and pinch points.</li> <li>Wear gloves.</li> <li>Use proper lifting techniques when removing material.</li> <li>Ask for help if material is too heavy or awkward.</li> <li>Wear closed toe shoes and long pants to prevent injury should the material be dropped or fall.</li> </ul>

Clean the area	Abrasions/Lacerations, Flying Objects, Muscle Strains	<ul style="list-style-type: none"> <li>• Wear gloves while handling debris and drop off from the cut.</li> <li>• Wear safety glasses while sweeping the area of debris to prevent eye injury.</li> <li>• Use proper lifting technique when lifting trash and debris from the cutting site.</li> </ul>
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Lockout/Tag out information

Only Authorized Individuals who completed the appropriate Lockout/tag out training may complete lockout/tag out.

Individuals must review the MakerSpace Lockout/Tag out Procedure prior to applying locks and tags.

Before shutting down the equipment, authorized individual must have knowledge of the type and magnitude of the energy to be controlled and the methods or means to control the energy.

If your Supervision has not authorized you to perform LO/TO, you must get an Authorized Individual to do so.

- The equipment is plugged into a wall socket not hard wired.
- After notifications have been made, the authorized individual may unplug the printer and apply the can cover over the plug and apply the lock.
- The key must stay in the possession of the authorized individual at all times.
- The tag must be filled out completely with the following;
  - Name
  - Contact information
  - Date
  - Reason for LO/TO
- Once the job is completed, the lock and tag may be removed by the same authorized individual that applied it.
- If the job last longer that the authorized individual’s shift, transfer may be made and must follow the MakerSpace LO/TO procedure.