

Safety Instructions and Job Hazard Analysis: Radial Arm Saw

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> • Don all required PPE for use of the Radial Arm Saw. Approved Safety Glasses with side shields, Long Pants, and Closed Toe Shoes. • Consider Ear Plugs for noise protection. • Additional foot protection is required when working with heavy parts and pieces. • Tuck in shirt, no loose fitting clothing or jewelry. • Long hair must be pulled back or tucked into a hat. • Ensure guard is working properly. • Work with the supervisor of the space to review operations and ensure all risks have been addressed.
Prepare wood for cutting	Abrasions/Lacerations, Pinch Points, Muscle Strains, Falling Objects	<ul style="list-style-type: none"> • Be aware of hand and body placement when handling material to prevent hand injury and pinch points. • If the wood has sharp edges or splinters, wear gloves. • Use proper lifting techniques when lifting material. • Ask for help if material is too heavy or awkward. • Wear closed toe shoes and long pants to prevent injury should the material be dropped or fall.
Check blade depth and lock saw in place	Abrasions/Lacerations	<ul style="list-style-type: none"> • Check blade depth and adjust accordingly..
Make the cut	Abrasions/Lacerations, Noise Hazards, Flying/Falling Objects, Muscle Strains, Slip/Trip/Fall	<ul style="list-style-type: none"> • Be aware of hand and body placement to prevent injury when pushing material to make the cut. • Ensure wood is flush against the back plate when making the cut. • Be aware of the location of the cord to

		<p>prevent electrical hazards.</p> <ul style="list-style-type: none"> • Saw will produce high noise. Consider wearing ear plugs while making the cut. • To prevent eye injury, wear safety glasses during the cut due to flying sawdust. • Wear a dust mask to prevent from breathing in dust and debris. • Use ventilation system. • Do not stretch to make the cut. This can cause a kick back of the saw. • Wear closed toe shoes and long pants to prevent injury from falling object injuries. • Ensure the area where the cut is being made is clear of obstructions to prevent slip/trip/fall hazards. • Have another qualified person with you while using this equipment to help spot hazards while cutting is in progress.
<p>Turn off the saw</p>	<p>Abrasions/Lacerations</p>	<ul style="list-style-type: none"> • The blade will not stop immediately. • Ensure the guard is back in place over the blade prior to putting it down.
<p>Remove cut wood</p>	<p>Abrasions/Lacerations, Pinch Points, Muscle Strains, Falling Objects</p>	<ul style="list-style-type: none"> • Be aware of hand and body placement when handling material to prevent hand injury and pinch points. • Wear gloves if the wood has sharp edges or splinters. • Use proper lifting techniques when removing material. • Ask for help if material is too heavy or awkward. • Wear closed toe shoes and long pants to prevent injury should the material be dropped or fall.
<p>Clean the area</p>	<p>Abrasions/Lacerations, Flying Objects, Muscle Strains</p>	<ul style="list-style-type: none"> • Wear safety glasses while sweeping the area of sawdust to prevent eye injury. • Use proper lifting technique when lifting trash and debris from the cutting site.

In case of malfunction: If the tool does not perform as anticipated, or makes an unfamiliar sound, or creates any safety concerns: IMMEDIATELY notify a Maker Ninja and ask them to Lockout and Tag out the tool until a follow-up inspection can be completed.

