

Radial Arm Saw Safety and Operation

NOTICE Rules and guidelines listed on this page are only reminders. Persons must read lab safety manual, machine manual, and be trained by WRL Manager.



Safety Rules

- Safety glasses and hearing protection are required.
- Never saw without piece against fence.
- Never set saw blade more than 1/8" below top of table.
- Never clear small pieces while blade is moving.
- Never adjust saw or setup while saw is running.
- Never cross arms.
- Radial arm saws cut in a fashion that pulls the blade into the piece pushing the stock to the fence. For this reason think of moving the saw as controlling feed rate and not pulling saw through. Pulling on saw may cause bodily injury.
- Always follow 4 inch rule.
- Don't reach across the blade.
- Never remove guard unless authorized by Technician or WRL Manager.
- Any operation other than a standard crosscut must be approved by supervisor. This includes any blade changes.
- Never run materials containing nails, screws or other metallic objects.
- Never cut more than one piece at a time.
- Don't cut pieces to lengths shorter than 6".

- If machine is malfunctioning, stop immediately and report to supervisor.

Operation

- Put on your safety glasses and hearing protection.
- If using a stop, set it at this time. Bring saw to a complete stop every time you adjust stop.
- Place stock against fence.
- Open blast gate and turn dust collection on.
- Make sure that saw is nested behind fence and nothing is jamming it.
- Turn saw on.
- Stand to either side of the saw blade. Never stand directly behind blade.
- While cutting keep fingers and hands from passing through the plane in which the saw blade is. When moving hands, pick them up and bring them into you first. Never slide or swing arms around saw.
- Return saw to position behind fence after each cut and before removing any pieces.
- If it is necessary to remove scrap away from the blade bring it to a complete stop and use a stick or brush to remove it. Don't use your hands.
- Shut blast gate and turn off dust collection unless you are proceeding to another machine or someone else is using it.
- Clean up around saw.
- Tear down all setups made. Setups may be left with approval of supervisor.