

Miter Saw Safety Outline

To Begin

- Ensure the tool is powered off before beginning the safety check
- Let the participant know that they will need to:
 - Review required PPE, tool set-up, tool features, materials, and issues to report
 - Demonstrate safely and properly using the miter saw to perform specific types of cuts
 - Clean-up and reset the miter saw

Review

PPE

- REQUIRED: Safety glasses and hearing protection
- Tie back long hair and tuck in any loose clothing
- Gloves and bracelets are not allowed

Set-Up

- Miter saw outlet and extension cord
- Clamp for small pieces of wood
- Shop vacuum as dust collector
- Roller stands for long pieces of lumber

Tool Features

- Trigger switch and safety lock
- Miter adjustment
- Bevel adjustment
- Depth of cut stop
- Slide rails - Can be locked

Materials

ALLOWED

- Wood that is free of:
 - Screws, nails, or staples
- Acrylic
- Foam
- PVC Pipe

PROHIBITED

- Pressure treated lumber
- Metal
- Rubber

Notify Staff or Volunteer If

- The blade is dull or the tool needs maintenance
- Something is malfunctioning or not working correctly with the tool
- Something breaks on the tool while you're using it → **YOU WILL NOT BE IN TROUBLE**

Clean-Up

- Fold down any extended table wings
- Unplug the miter saw and put away the extension cord
- Sweep and/or vacuum off the machine and surrounding floor
- Place scrap in the appropriate scrap bin

Demonstrate

Give the participant a 24" long piece of 2x4 or similar wood for demonstrating the following cuts:

Cross Cut



- Locks slide rails if not needed

Miter Cut



Bevel Cut



Compound Cut



PLUS

