

Name: _____

Date: _____

Unit 1: Safety

Woodworking

Mr. DellaPietro

MITER SAW SAFETY

Miter Saw Purpose: A miter saw, also known as a chop saw, is used to make an accurate crosscut in a work piece.

Warning: Most accidents occur with this tool.

Major cause of accidents: Not paying attention, cutting too small of a piece, rip cutting, and working too fast.

Operating & Safety Instructions:

1. Always wear eye protection.
2. Be sure blade is sharp, runs freely and is free of vibration.
3. Allow the motor to come up to full speed before starting cut. **Make sure blade is not contacting work piece before switch is turned on.** Engage power switch with miter saw in fully raised position. The motor has a high torque and it will jump in your hand. Never lock the switch in the ON position.
4. Always make sure the rotating table is locked before cutting, even if the table is positioned in one of the positive stops.
5. Always keep the blade guard in place and operating properly.
6. After completing a cut, keep the handle down, then release the power switch and wait for coasting blade to stop before returning saw to raised position.
7. Do not remove jammed or cut off pieces until blade has stopped.
8. Never cut metal or masonry with wood cutting blades.
9. Always clamp your work. Never re-cut small pieces. If it can't be clamped, it is too small.
10. Danger zone: Never have your hand on the miter saw rotating table. Know and follow this boundary.
11. Make certain the work piece is firmly pressed against the fence and the table at the same time. If it is not, the blade will grab it and drive it until it hits something, often times taking your hand with it.
12. Provide adequate support to the sides of the saw table for long work pieces.
13. Clean it before leaving it. Never leave a machine or the area around it dirty or cluttered with scraps.
14. All adjustments shall be made to the miter saw prior to starting.
15. Never cross your hands when operating the miter saw.

