Equipment Safety

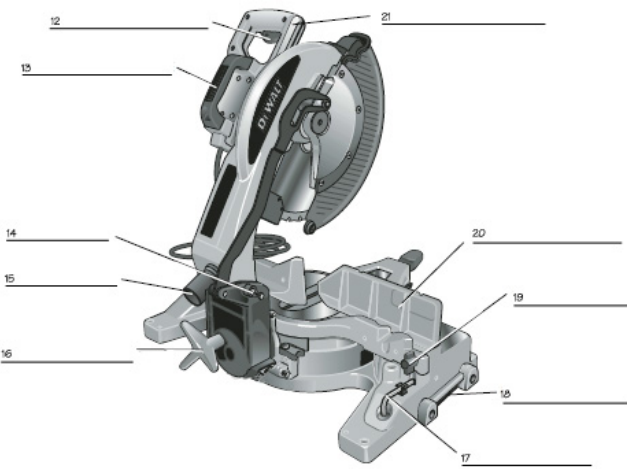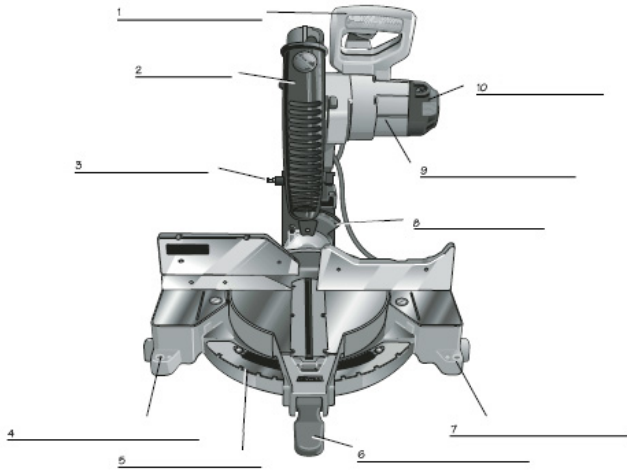## *Western Technical-Commercial School*

Name:

Date:

The Mitre Saw

Description:

The mitre saw, sometimes referred to as a chop saw is used to make three cuts: <mark>cross cut, bevel cuts and compound cuts</mark>. Some of these saws also come with an adjustable arm allowing for wider cuts. This tool is very common and a valuable asset to carpenters for its quick accurate cutting action.

Operation:

Place your wood up to the fence, bring the saw down to the line you need to cut, adjust the wood to line up to the cut line, then holding the wood with your left hand, use your right hand release the safety, press the trigger, and pull down on the handle to cut into the wood
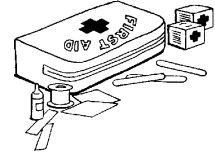
Things To Remember:

+ <mark>Never cross arms</mark> to hold the wood and the saw handle when cutting material.

+ Always <mark>double check</mark> settings and angles and make sure the safety guard is in working condition.

Extra Notes:

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_____

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Safety Contract for

The Mitre Saw

1. <mark>Wear safety glasses!</mark>

2. Turn on the dust collector and open the blast gate to the collector pipe.

3. Keep hands away from blade and blade cutting pathway.

4. <mark>Clamp small pieces</mark> of wood that close to the blade, to keep hands away from blade.

5. Do not have another person support the far end of your wood, as <mark>wood could bind against blade</mark>.

6. Make sure wood is tightly held against the fence when cutting.

7. Remove <mark>scrap pieces and keep saw area clean</mark>.

8. Before replacing blade, <mark>be sure that power is disconnected</mark>.

9. Release trigger once wood has been cut

+ Look at yourself; if you have all your body parts and you're not bleeding, then you can appreciate the benefits of safety in the shop.

Date of lesson _____

I was **present** for the instruction on the safe use of the **mitre saw** and I understand its use and will operate this machine in a safe method as described. I feel comfortable in the operation of the mitre saw and if in any doubt will ask for help from an Instructor. Fill in the date or name information below

Teacher		Student				Teacher
Lesson	Demo	Last Initial, First Name	HO Done	Success Demo	Signature	Safe to Use