



*WOODSHOP*

*SAFETY*

# THE BIG FOUR

1. **STAY ALERT!** (Be on the look out for potential hazards).
2. Keep it clean.
3. Use safe work procedures.
4. Use protective equipment when needed.

**EVERY**  
safety  
procedure we  
have in place  
today in the  
workplace is  
a direct result  
of a previous  
injury or  
death.

History of Safety  
in the Workplace

# GENERAL SAFETY GUIDELINES



# GENERAL SAFETY GUIDELINES

The background of the slide features a large, dark-colored gear on the left side. On the right side, there is a close-up of a table saw blade with safety labels. One label reads "SEMI-SMOOTH AND FAST CUTS" and another reads "TABLE SAWS AND PORTABLE". The overall background is a mix of light and dark tones, with a wooden texture on the far left edge.

All mechanical motion is potentially hazardous.

Motion hazards, such as rotating devices, cutting or shearing blades, reciprocating parts, linear moving belts and pulleys, meshing gears, and uncontrolled movement of failing parts, always create some risk.

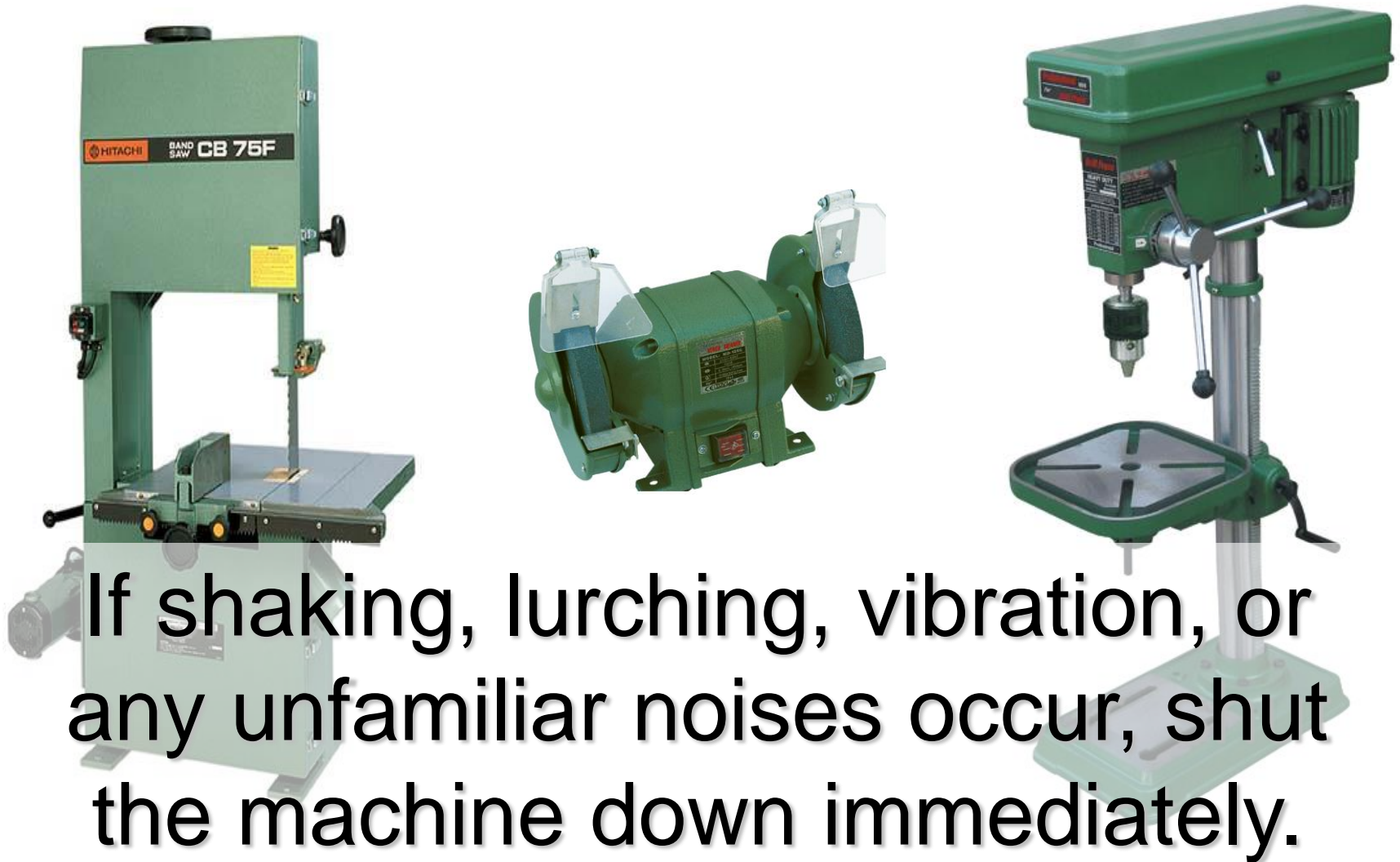
Be aware of the potential for accidents.

# GENERAL SAFETY GUIDELINES



**ALWAYS**  
Clear  
away  
debris  
with  
a  
pushstick.

# GENERAL SAFETY GUIDELINES



If shaking, lurching, vibration, or any unfamiliar noises occur, shut the machine down immediately.

# GENERAL SAFETY GUIDELINES



Wear eye protection at all times while using a machine or while in the vicinity of the machine.



# GENERAL SAFETY GUIDELINES

**FAILURE TO WEAR  
SAFETY GOGGLES**



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Wear eye protection at all times while using a machine or while in the vicinity of the machine.

# GENERAL SAFETY GUIDELINES



**THESE PROTECT AGAINST  
25 DECIBELS OR LESS**

**THESE PROTECT AGAINST  
30 DECIBELS OR MORE**

**THESE PROTECT AGAINST  
25 DECIBELS OR MORE**

**Wear hearing protection when  
excessive noise levels are present.**

# GENERAL SAFETY GUIDELINES



You may **NOT** use the shop facilities if a teacher is not present.

# **GENERAL SAFETY GUIDELINES**

**DO NOT** wear loose clothing, long hair, dangling accessories, jewellery or other similar items that could catch in the moving machine.

Tie your hair back.

Wear tight sleeves.

Remove your jewellery.

# GENERAL SAFETY GUIDELINES

DO NOT wear gloves around machines unless sharp, rough, or corrosive materials are being handled. If gloves are being worn, they should fit the hand snugly, and EXTRA care should be exercised not to get them caught in any machinery.

# GENERAL SAFETY GUIDELINES



Use the tools for their designated purpose **ONLY.**

Do not use a tool or an attachment for something it was not designed to do.

Operate the tools at the correct speed for the job at hand.

# GENERAL SAFETY GUIDELINES



All guards must be kept in place.  
Under **NO** circumstance should the  
guards be removed.

# GENERAL SAFETY GUIDELINES

**YOU**

will clean the machines, tools, and the wood shop after each use.

The machines shall be cleaned by using a brush.

Hands or compressed air shall not be used to clean machine.

Compressed air must not be used for cleaning ones clothes.

Floor must be swept, and if necessary, washed with cleanser.





# GENERAL SAFETY GUIDELINES

**YOU**

will return tools to their proper storage area after use.

# GENERAL SAFETY GUIDELINES

The background of the slide features two green bench-mounted drill presses. One is positioned in the center-right, and the other is to its right. In the lower-left foreground, there is a hammer with a silver metal head and a light-colored wooden handle, resting on a wooden block.

It is **YOUR RESPONSIBILITY** to report **ANY** damaged tools or machines to your teacher.

**DO NOT** use defective tools or machines.

# **GENERAL SAFETY GUIDELINES**

**ALWAYS**  
report ANY  
injuries  
to your  
teacher.

**NO  
MATTER  
HOW  
SMALL.**

# GENERAL SAFETY GUIDELINES

**ALWAYS  
KEEP  
A  
COOL  
HEAD**

**NEVER  
PANIC.**

# GENERAL SAFETY GUIDELINES

**NEVER**

engage in pushing / shoving / fooling around  
in the wood shop.

and

**NEVER**

use a tool as a toy.

# GENERAL SAFETY GUIDELINES

**DO NOT** distract your teacher while he/she is supervising another student on a machine unless it is an emergency.

**DO NOT** distract another student while he/she is working on a machine.

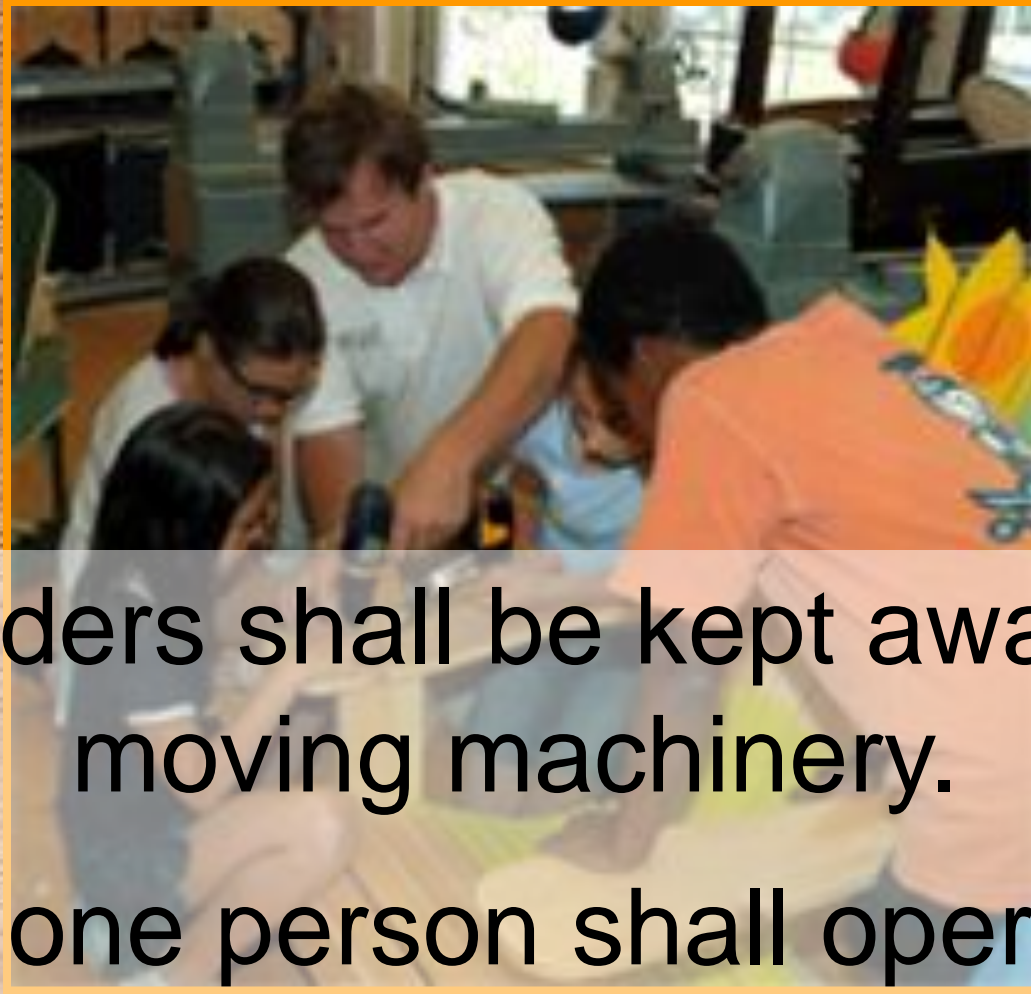
**DO NOT** allow yourself to be distracted while operating a machine.

**If** a distraction occurs, shut the machine down.



"BE VERY CAREFUL WITH THE  
RADIAL ARM SAW..."

# GENERAL SAFETY GUIDELINES



Bystanders shall be kept away from moving machinery.

Only one person shall operate a machine at any one time.



# GENERAL SAFETY GUIDELINES

**DO NOT**  
reach over  
the  
equipment  
while it is  
running.

# GENERAL SAFETY GUIDELINES



**NEVER**

disable or tamper with safety releases or other automatic switches.

# GENERAL SAFETY GUIDELINES



## Unplug

power tools before performing maintenance, changing components or clearing jams.

# GENERAL SAFETY GUIDELINES



## **Remove**

chuck keys or adjusting tools prior to operation of the machine.

# GENERAL SAFETY GUIDELINES



No person that is sick, fatigued, or is taking medications should operate any machines or power tools.

# GENERAL SAFETY GUIDELINES



Foot protection must be worn while in the machine shop or when using any machines. Open toed footwear must never be worn around the machines.

# GENERAL SAFETY GUIDELINES



Know where the  
fire extinguishers are.

## 4 More Safety Tips from woodzone.com

- 1) **Think Before You Cut** – The most powerful tool in your shop is your brain, use it. Thinking your cuts and movements through before acting can help save both fingers and scrap wood.
- 2) **Don't Rush** – Keep in mind that this is just a hobby and take a break when you feel rushed or frustrated with a project. Mistakes happen when we rush to complete a job.
- 3) **Don't Force It** – If your saw is resisting the cut, stop and see what's wrong. A misaligned rip fence or improperly seated throat plate can sometimes cause a board to get stuck in mid cut. Forcing the board in these situations may cause kickback or contact with the blade. Take a moment to evaluate the situation and determine the problem.
- 4) **Let the Tool Stop** – Giving the power tool time to wind down after a cut is an often-overlooked safety mistake. Even without power, the spinning blade can still do a lot of damage.

[http://woodzone.com/articles/shop\\_safety.htm](http://woodzone.com/articles/shop_safety.htm))



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