



## Shop Machine Hazards

Shop equipment can cause serious harm. You should know the risks of working with equipment and follow safety procedures. Amputations and crushing injuries are nothing to ignore. Know where your hands and feet are at all times.

The signs on the back of this page will help you identify shop machine hazards.

**Remember:**

- Point of operation is where the machine performs the work.
- Nip points, punching, rotating, shearing and bending actions can cause serious injuries.
- If you are not careful, injuries can happen during normal operations, clearing jams, scheduled and unscheduled maintenance, and lubrications.
- Do not try to defeat a machine guard. Use proper procedures instead.
- Make sure you can always reach the power shut-off switch on every machine you operate.

**Discussion questions:**

1. What can happen if you reach into a machine when it is jammed?
2. Where is each machine's power shut-off switch?
3. Can you remove a guard if the material is too thick to feed into a shear?
4. Should you wear safety glasses in welding and grinding areas?
5. Is loose clothing and long hair appropriate when working around rotating equipment?

**Meeting note:**

Employee comments/concerns: \_\_\_\_\_  
 \_\_\_\_\_

Other safety issues to be addressed on the job/facility: \_\_\_\_\_  
 \_\_\_\_\_

**Training record:**      Date: \_\_\_\_\_      Jobsite/Facility: \_\_\_\_\_  
    Trainer: \_\_\_\_\_      Title: \_\_\_\_\_

Employee name (print)	/ (signature)	Employee name (print)	/ (signature)
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(Continue recording signatures on a separate sheet of paper)  
 Employee Quiz is provided on last page. Answers are: 1. (a), 2. (b), 3. (d), 4. (a), 5. (a), 6. (b)



TEXAS CONSTRUCTION ASSOCIATION WORKERS' COMP SAFETY GROUP

# Toolbox Talks

A BIWEEKLY HANDY GUIDE FOR YOUR SAFETY MEETINGS

## Shop Machine Hazards



Warning: Cutting Saw Blade



Warning: Rotating Pinch Points



Warning: Sparks & Grinding Debris



Warning: Amputation Hazard



## Employee Quiz

### Topic: Shop Machine Hazards

Employee Name: \_\_\_\_\_

Circle the correct answer below.

1. Point of operation is where the machine performs the work:

- a. True
- b. False

2. The sign to the right means:

- a. Warning: Cutting Saw Blade
- b. Warning: Rotating Pinch Points
- c. Warning: Amputation Hazard



3. If you are not careful, injuries can happen during:

- a. Clearing jams
- b. Schedule or unscheduled maintenance
- c. Lubrications
- d. All of the above

4. Nip points, punching, rotating, shearing and bending actions can cause:

- a. Serious injuries
- b. Only minor injuries
- c. None of the above

5. The sign to the right means:

- a. Warning: Cutting Saw Blade
- b. Warning: Rotating Pinch Points
- c. Warning: Amputation Hazard



6. Injuries can't happen during normal operations:

- a. True
- b. False

Training record:

Date: \_\_\_\_\_ Jobsite/Facility: \_\_\_\_\_

Trainer: \_\_\_\_\_ Title: \_\_\_\_\_