



# Safety Talk Safety Glasses



**According to the Centers of Disease Control, approximately 2,000 workers suffer eye injuries everyday!**

**How many of these injuries could have been prevented by wearing safety glasses?**

## **When Safety Glasses Should be Worn**

1. Grinding or sanding.
2. Cutting wood.
3. Operating powered-hand tools or machines.
4. Hammering nails.
5. Demolition work.
6. Using bungee cords.
7. Working with any chemical.
8. On construction sites (indoor and outdoor).
9. Inside of a machine shop.
10. Inside of a laboratory.

This is not an all-inclusive list – ALWAYS wear your safety glasses whenever and wherever objects can fly into your eyes

Personal Protective Equipment (PPE) Training Required for all employees that use personal protective equipment for their jobs.

**Training schedule is posted at:**

<http://safety.uchicago.edu>

## **Safety Glasses**

- Safety glasses protect the eyes against flying projectiles and do not shatter when struck.
- Safety glasses shall meet ANSI Z-87 standards for impact resistance.
- Safety glasses with side shields protect the eyes against impacts from the side.
- Glasses without the ANSI Z-87 marker AND side shields are NOT safety glasses.
- Safety glasses do protect against all eye hazards.
- Wear goggles to protect your eyes from gases and vapors, and use face shield/safety glasses combination to protect against splashing.

## **Prescription Eye Glasses**

- Prescription eyeglasses and sunglasses are not substitutes for safety glasses.
- If you must wear your prescription eye glasses, then wear them under ANSI Z-87-approved goggles or "visitor" safety
- Prescription glasses can be used as safety glasses if they have lenses that are ANSI Z-87-approved AND side shields.

## **Prescription Eye Glasses**

- Straps help you prevent misplacing your safety glasses.
- They can be dangerous if they become entangle in machines with rotating parts.
- "Breakaway" straps prevent machine entanglements by breaking when tension is applied to it.

## **"Readers" Safety Glasses**

- Safety glasses with bifocals built into them can be used if they have lenses that are ANSI Z-87 approved.

**Contact Environmental Health and Safety for more information**

**What would have happened if this worker was not wearing his safety glasses?**

