



# Eye Protection

*Eye injuries from dust and particles, welding light, and chemicals are common on a jobsite. Often workers wear the wrong eye protection or none at all. Although some eye injuries are minor, even a simple scratch from sawdust, cement, or drywall dust can cause lasting pain. Metal slivers from a grinding wheel, or rebounding nails from routine hammering and carpentry can puncture the eye and lead to vision loss. Nearby workers and bystanders are also at risk. Work-related eye injuries can have life-long consequences. Welding light can cause “welders’ flash” and burn eyes and surrounding tissue.*

## William’s Story

William was hand grinding a small section of a cement floor. Since it was a quick project, he did not put on his safety glasses. William was finishing up the job when he felt a sharp pain in his right eye. He had to stop work and use the eye station to rinse the dust particles from his eye.

**1. Have you or someone you know suffered a work-related eye injury? If so, what happened?**

## Remember this:

- Identify the eye hazards before you start work.
- Always wear the correct eye protection for the hazards present.
- Safety glasses help protect against particles and dust. Look for “Z87+” on the frame or lenses as an indicator of impact protection.
- Use vented goggles for caustic dust, such as cement dust and non-vented goggles for chemicals.
- Use face shields with safety glasses or goggles for protection from flying objects or chemical splashes.
- When welding, use a welding helmet or goggles with the correct lens shade for the job (shade 10-14 for arc welding; 4-8 for gas welding; and 3-6 for torch brazing). Welders’ helpers and bystanders also need UV protection.
- Take care of your eye protection. Replace it when damaged.
- If injured, **do not** rub your eyes. For dust, small particles or chemicals use the eye wash station. Rinse with clean water for at least 15 to 20 minutes.
- For cuts, punctures, and objects in the eyes, **seek medical attention**; don’t wash out your eyes or try to remove objects yourself.

## How can we stay safe today?

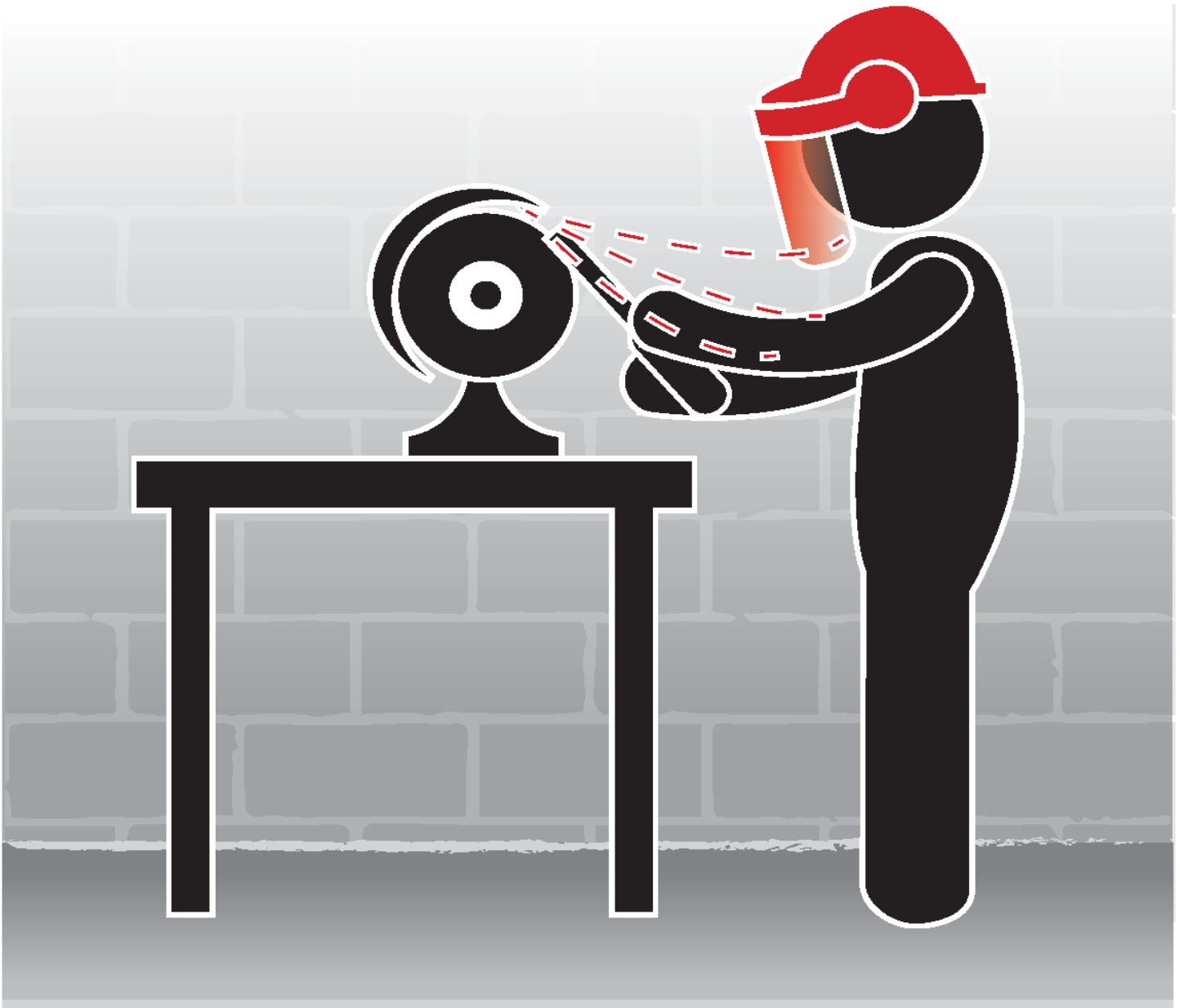
What will we do at the worksite to prevent eye injuries?

1. \_\_\_\_\_
2. \_\_\_\_\_

OSHA REGULATIONS: 1926.102



# Eye Protection



- Make sure your safety eyewear has "Z87+" marked on the frame or a lens, indicating its impact resistance.
- Wear correct eye protection for the hazard present.
- If dust, small particles, or chemicals get in your eye, use the eye wash station. Rinse with clean water for at least 15 to 20 minutes.
- For cuts, punctures, and objects in your eyes **seek medical attention**. Do not wash out your eyes or try to remove the object yourself.