



Instructor Guide

Eye injuries

Topic Overview (why the topic is important to the students)

Loss of an eye can change your life forever, even preventing you from getting some types of jobs. Eyes are very sensitive and delicate. Injuries that look and seem minor can turn serious if not treated properly. Eye injuries can be very painful, and take months to heal. Most eye injuries can be prevented with the use of protective equipment.

Demonstration and Discussion Topics

- **Discuss** the hazards in the shop that may cause eye injuries and that require the use of eye protection. Explain how injuries can occur if eye protection isn't used.
- **Discuss** the different types of eye protection (e.g., safety glasses with or without ventilation and safety goggles with or without side shields).
- **Explain** the hazards of wearing contact lenses – they can absorb harmful gases or break on impact.
- **Tour the shop** with the students, pointing out the hazards, and which type of eye protection would be required for each.
- **Explain** that their employer is responsible for:
 - Determining what type of eye protection they require for any task that involves exposure to materials likely to injure or irritate the eyes.
 - Providing appropriate eye protection, and replacing it if it becomes pitted, scratched, bent or cracked.
 - Providing appropriate eyewash facilities as required in Section 5.0 of the Regulation, and ensuring that workers are trained in its use.
- **Distribute** the student handout.
- **Review** the safety tips.
- **Explain** what can be done in the workplace to minimize the risk of eye injuries (e.g., guarding, posted safe work procedures, eye protection available at workstations that require it, eyewash stations).
- **Make it real.** Tell at least two true stories of injuries from your experience, or use the examples below:
 - A worker suffered acid burns to his face and eyes when a battery exploded as he was leaning over it to check the acid levels.

Continued on page 2



Eye Injuries - Page 2

- A worker lost the use of one eye when, tightening bolts under a car on a lift, the wrench slipped, breaking off a piece of the nut, and a shard of metal entered his eye.
- Discuss** the attitude that “it won’t happen to me”. Remind them that an injury can and will happen if they take shortcuts or are careless.
- Instruct** the students to identify and report any safety concerns about eye protection.
- Answer** any questions or concerns they might have.
- Set a good example** by working safely at all times.

Resources

- Eye protection (sections 8.14-8.18)
<http://www2.worksafebc.com/Publications/OHSRegulation/Part8.asp>
- Eyewash stations (section G5.89)
<http://www2.worksafebc.com/Publications/OHSRegulation/GuidelinePart5.asp>