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# SAFETY SHORTS

## PERSONAL PROTECTIVE EQUIPMENT – EYE PROTECTION

Eye injuries are common in many types of jobs. They often result in serious pain and disability. Wearing just “any” type of eye protection doesn’t cut it however. You must wear eye protection matched to the hazards of the job you are doing. All protective eyewear should meet American National Standards Institute (ANSI) Standard Z87.1.



### SAFETY GLASSES with sideshields

- These are appropriate for general use with non-powered hand tools, low energy power tools, shop work, lawn mowing, etc.



### DIRECT VENT GOGGLES - “Woodworking Goggles”

- Protect against flying dust and particles
- They are adequate protection for using weed trimmers, blowing down, or wind blown dust.



### INDIRECT VENT GOGGLES - “Chemical Goggles”

- Protect against same hazards as direct vent goggles AND liquid splash.
- They are appropriate for handling chemicals that could injure the eyes.



### FACE SHIELDS are never used alone!

- With safety glasses, they protect against eye and face hazards from high energy power tools like abrasive saws, handheld grinders, and powder actuated tools.
  - With indirect vent goggles, they protect against eye and face hazards from hot liquids or corrosives.
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- Be aware of hazards at your worksite. Among the most common eye hazards are flying particles from machine operations such as grinding, chipping and sawing; dust, dirt and rust particles; sparks and harmful light rays from welding; and splashes from corrosive or irritating chemicals.
  - Ensure proper fit of your eye protection and make sure they are clean and in good condition before and after each use. Use a disinfectant to clean the lenses.
  - Replace damaged or defective eyewear immediately.
  - Know the location of safety showers and eyewash stations whenever you are using acids or caustic chemicals. If chemicals are splashed in the eye(s), flush for at least 15 minutes.
  - Seek first aid and medical attention for all eye injuries.

**FACT: Most eye injuries can be prevented by wearing appropriate protective eyewear!**