



EYE PROTECTION

PURPOSE:

To prevent eye exposure by requiring all workers and projects to enforce eye protection use.

EYE PROTECTION / FACE PROTECTION:

Eye protection must conform to **ANSI Standard Z87.1-1968**, Practice for Occupational and Educational Eye and Face Protection.

All Weigand projects require 100% eye protection at all times

- Eye, and face protective equipment must be worn when machines or operations present potential eye or face injury. Eye and face protective equipment must meet the requirements of ANSI Z89.1 for eye and face protection.
- When grinding a face shield shall be worn over safety glasses, use both when grinding not one or the other.
- Chemical Resistant Safety Goggles are used when handling chemicals that are corrosive, or toxic. Examples of these chemicals include battery acid, Stain-Crete, or other acid containing materials used to color concrete and masonry, etching compounds that contain muriatic acid, or other acids.
- Shaded goggles must be used when cutting, brazing, gas torch use or thermal cutting occurs. Sunglasses are not approved to use in brazing and thermal cutting operations. Shaded goggles prevent eye damage from the intense energy radiated. Gas welding goggles are not adequate protection against electric arc rays.
- Welding requires a welding helmet with a suitable filter plate to protect your vision. Gas welding goggles are not adequate protection against electric arc welding rays.

PRESCRIPTION SAFETY GLASSES

Workers whose vision requires the use of corrective lenses in spectacles or contact lenses and who are required by this procedure or a project procedure to wear eye protection shall wear goggles over prescription glasses or contact lenses or secure a pair of prescription safety glasses.





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Workers shall be required to wear special eye protection for all tasks which involve exposure to recognized potential eye injuries as listed below, but not limited to this list:

<u>Task</u>	<u>Eye Protection</u>
Hitting steel upon steel	Safety glasses or monogoggles over prescription glasses
Grinding	Face shield, monogoggles, or side shield safety glasses
Sandblasting	Air-supplied sandblast hood
Power sawing	Monogoggles or side shield safety glasses
Laser exposure	Goggles with #5 to #8 shade lens, depending on wattage
Chipping	Chipping goggles
Gas cutting	Welding goggles with #4 to #6 shade lens
Gas welding	Welding goggles with #5 to #8 shade lens
Electric arc welding	Welding helmet with #10 to #12 shade lens
Welder's helper	Safety glasses or flash goggles with #5 shade lens
Concrete breaking	Monogoggles
Concrete pouring	Monogoggles
Corrosive acid or alkalis	Chemical goggles, face shield
Machine wire brushing	Face shield
Airborne subjects in shop condition	Safety glasses
Heavy wind and air turbulence	Monogoggles

These are minimum requirements for each task shown. Alternate equipment must provide at least equal protection.