

Personal Protective Equipment: Face & Eye

- Eye Protection must comply with ANSI Z87.1.
- Normal prescription glasses are NOT sufficient for eye protection. Eye protection that fits over prescription glasses must be available for personnel.
- Contact lenses tend to hold chemical spills against the eye and are discouraged when working with hazardous chemicals.
- Regularly clean and check the condition of face & eye protection. Dispose and replace if damaged.

Safety glasses	Protection against <u>impact and small splashes</u> .
Safety goggles	Protection against <u>splashes, aerosols, and vapors from heated liquids</u> (like steam). Goggles often have vents to prevent fogging. Open hole vents found in goggles designed for impact protection will compromise chemical protection. For chemical protection, only use goggles with indirect vents or without vents.
Face shield	Protection against <u>splashes and aerosols</u> for example during work with large amounts of hazardous chemicals, biohazards, or cryogenics. Not protective against impact hazards-- combine with safety goggles to protect against both impact and splash.
Laser eyewear	Protection against the <u>intense light generated by Class 3B or 4 lasers</u> . Must be specifically approved by the Laser Safety Officer before use.
Welding helmet	Protection against burns caused by infrared or intense radiant light, flying sparks, metal spatter, and slag chips. Filter lens shading is required to be appropriate for the specific <u>welding, brazing, soldering, or cutting</u> operation.
Light protection	Protection against <u>intense light</u> from non-laser and non-welding equipment.
Full-face respirator	Protection of the whole face & eyes against <u>severe hazards</u> . Full-face respirators are only available through SJSU Respiratory Protection Program.
Field Work Eye Protection	Specialized eye & face protection is required for hazardous <u>field work</u> tasks including: potential impacts from tools, machinery and materials; high-voltage electrical work; immersion into potentially hazardous water; work in extreme temperatures; extensive work in the sun; and work in dark environments. Ask your supervisor for help selecting body protection for specialized work.

Need Help?

- Ask the lab/shop supervisor
- Ask the department/college safety staff
- Ask SJSU Environmental Health & Safety ehs@sjsu.edu