


Hazard Type	Illustration	Source	Assessment of Hazard	Protection
Impact		Chipping, grinding, machining, masonry work, woodworking, sawing, drilling, chiseling, powered fastening, riveting, and sanding	Flying fragments, objects, large chips, sand particles, dirt, etc.	Spectacles with side protection, goggles. For severe exposure use faceshield.
Heat		Furnace Operations, pouring, casting, hot dipping, and welding	Hot sparks Splash from molten metals High temperature exposure	Faceshield goggles, spectacles with side protection. For severe exposure, use faceshield Faceshield worn over goggles Screen faceshield, reflective faceshield.
Chemical		Handling of acids and chemicals, degreasing plating	Splash Irritating mist	Goggles, eyecup, and cover types. For severe exposure use faceshield special-purpose goggles.
Dust		Woodworking, buffing, general dusty conditions	Nuisance dust	Goggles, eyecup and cover types.
Light &/or Radiation		Welding: Electric arc	Optical radiation	Welding helmet or welding shield. Typical shades: 10-14
		Welding: Gas	Optical Radiation	Welding goggles or welding faceshield. Typical shades: gas welding, 4-8; cutting 3-6, brazing 3-4
		Cutting, torch brazing, torch soldering	Optical radiation	Spectacles or welding faceshield. Typical shades: 1, 5-3
		Glare	Poor vision	Spectacles with shaded or special purpose lenses, as suitable
Potentially Infectious Material		Contact with body fluids & bloodborne pathogens	Exposure to Bloodborne Pathogens & bodily fluids	Safety glasses with solid sideshields. Use safety goggles or faceshield plus goggles for severe exposure.