

## Appendix D

### Eye and Face Protection – Selection

The following chart shows some common workplace activities performed by employees and the proper eye and face protection equipment needed for each activity. Contact EHS for more guidance about the selection of eye and face protection for these and other work activities.

<b>Activity</b>	<b>Eye/Face Hazards</b>	<b>Eye/Face Protection</b>
Acetylene welding	Sparks, optical radiation, flying particles	Welding goggles or welding helmet worn over safety glasses with side shields.
Chemical handling, laboratory operations	Chemical splash or spill, acid burns, fumes, glass breakage	Chemical goggles. Use a face shield plus chemical goggles for severe exposure.
Cutting, brazing, soldering	Sparks, optical radiation, flying particles, flash burns	Safety glasses with shaded lenses or welding shield. Use face shield plus safety glasses for severe exposure.
Electric arc welding	Sparks, optical radiation, flying particles	Welding shield or welding helmet worn over safety glasses with side shields.
Grinding, sawing	Flying particles, dust	Impact goggles or safety glasses with side shields. Use a face shield plus impact goggles or safety glasses for severe exposure.
Laser operations	Reflected or direct laser beam impact	Narrow or broad spectrum laser spectacles or goggles. Selection is based on type of laser.
Machining	Flying particles, mists, vapors	Safety glasses with side shields or goggles.
Medical examinations, First Aid procedures	Contact with body fluids/blood borne pathogens	Safety glasses with solid side shields. Use safety goggles or face shield plus goggles for severe exposure.
Pesticide/fertilizer application with hand sprayer	Chemical splash or spill, airborne chemicals	Chemical goggles or safety glasses. Use face shield plus safety glasses/goggles for severe exposure.