

EYE AND FACE PROTECTION CHART
Texas Tech University/Physical Plant

Hazard Assessment			
Hazard Type	Example of Hazard	Common Task	PPE Required
Impact	Flying objects such as large chips, fragments, particles, sand and dirt	Chipping, grinding, machining, masonry work, wood work, sawing, drilling, chiseling, powered fastening, riveting, sanding	Spectacles – Primary protectors intended to shield the eyes from a variety of hazards Goggles – Primary protectors intended to shield the eyes against flying fragments, objects, large chips and particles Face Shields – Secondary protectors intended to protect the entire face against exposure to impact hazards
Heat	Anything emitting extreme heat	Furnace operations, pouring, casting, hot dipping, and welding	Spectacles – Primary protectors intended to shield the eyes from a variety of hazards Goggles – Primary protectors intended to shield the eyes against a variety of hazards Face Shields – Secondary protectors intended to shield the entire face against exposure to high temperatures, splash from molten metal, and sparks
Chemicals	Splash, fumes, vapors, and irritating mists	Acid and chemical handling, degreasing, plating, and working with blood	Goggles – Primary protectors intended to shield the eyes against liquid or splash, irritating mists, vapors and fumes Face Shields – Secondary protectors intended to protect the entire face against exposure to chemical hazards.
Dust	Harmful dust	Woodworking, buffing, and general dusty conditions	Goggles – Primary protectors intended to protect the eyes against a variety of airborne particles and harmful dust