

Personal Protective Equipment Selection of Eye and Face Protection

Recommended protection

Spectacles
With side shields*

Eye-cup goggles

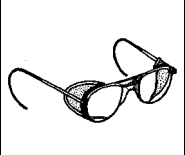

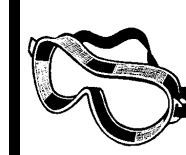

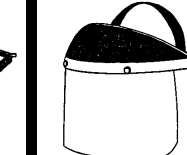
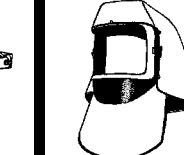
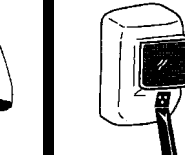
Mono-framed
goggles

Welding helmet

Face shield

Hood

Hand shield
plus spectacles

Hazard	Activities								*Spectacles without side shields may be appropriate for certain work situations.
Group A Flying objects	Chipping/Drilling/Scaling	■	■	■		☆			
	Grinding/Polishing/Buffing	■	▲	▲		☆			
	Riveting/Punching/Shearing	■	■	■					
	Hammer mills/Crushing	■	■	■					
	Heavy sawing/planing		▲	▲		☆			
	Wire and strip handling	■	■	■					
	Hammering/Unpacking/Nailing	■	■	■		☆			
	Punch press/Lathe work	■	■	■		☆			
Group B Flying particles/ Dust/Wind	Woodworking/Sanding	■	▲	▲		☆			
	Light metal working/machining	■	▲	▲		☆			
	Exposure to wind/dust	■	▲	▲					
	Resistance welding	●	●	●		☆			
	Sand/cement handling		▲	▲			☆		
	Painting		▲	▲		☆	☆		
	Plastering/Concrete work	■	▲	▲		☆			
	Material batching/mixing	■	▲	▲		☆			
Group C Heat/Glare/Sparks/ Molten metal splash	Working with molten metal		▲+	▲+		☆			
	Soldering/Brazing	●	●	●		☆			
	Spot/stud welding		●	●		☆			
	Hot dipping		▲+	▲+		☆			
Group D Chemical splash	Handling acid/alkali		▲+	▲+		☆	☆		
	De-greasing		▲	▲		☆			
	Spraying chemicals		▲+	▲+		☆	☆		
	Glass breakage		■+	■+		☆			
	Handling liquid bitumen		▲+	▲+		☆			
Group E Abrasive blasting	Sandblasting		▲	▲			☆		
	Shot blasting						☆		
	Shotcreting						☆		
Group F Glare/Stray light	Reflection/Sunlight	●	●	●					
	Reflected welding flash	●	●	●					
	Metal pouring/Furnace work	●+	●+	●+					
	Spot/stud welding		●	●		☆			
Group G Injurious optical radiation	Gas cutting/welding		●	●		●			
	Furnace work	●+	●+	●+					
Group H Injurious optical radiation	Electric arc welding				●			●	
	Heavy gas cutting				●			●	
	Plasma spraying/cutting				●			●	
	Inert gas shielded arc welding				●			●	
	Atomic hydrogen welding				●			●	

LEGEND

- for impact
- ▲ for dust/splash
- for radiation
- ☆ other option
- + must be worn along with face shield