

Selection of Eye and Face Protection

Hazard	Activities involving but not limited to	Glass Class 1		Goggles Class 2			Welding Helmet Class 3	Welding hand shield Class 4	Non-rigid helmets (hoods) Class 5				Face shields Class 6			
		A	B	A	B	C			A	B	C	D	A	B	C	
Flying Objects	Chipping, scaling, stonework, drilling; grinding, bugging, polishing; hammer mills, crushing; heavy sawing, planing; wire and strip handling; hammering, unpacking, nailing; punch press lathework															

Flying particles, dust, wind, etc.	Woodworking, sanding; light metal working and machining; exposure to dust and wind; resistance welding (no radiation exposure); sand, cement, aggregate handling; painting; concrete work, plastering; material batching and mixing.														
Heat, sparks, and splash from molten material	Babbling, casting, pouring molten metal; brazing, soldering; spot welding, stud welding; hot-dipping operations														
Acid splash; chemical burns	Acid and alkali handling; degreasing, pickling, and plating operations; glass breakage; chemical spray; liquid bitumen handling														
Abrasive blasing materials	Sand blasting; shot blasting; shotcreting														
Glare, stray light (where slight reduction of visible radiation is required)	Reflection, bright sun, and lights; reflected welding flash; photographic copying														

Injurious optical radiation (where moderate reduction of optical radiation is required)	Torch cutting, welding, brazing, furnace work; metal pouring, spot welding, photographic copying															
Injurious optical radiation (where large reduction of optical radiation is required)	Electric arc welding; heavy gas cutting; plasma spraying and cutting; inert gas shielded arc welding; atomic hydrogen welding															

Adapted from table "Z-94.3-07 Classification of hazards and recommended protectors" by the Canadian Standards Association, 2007.

Below are examples of eye protection. These styles may not exactly match your company's requirements. Read product details before you purchase your eye protection.

Class 1

A



B



Class 2

A



B



C



Class 3

A



B



C



Class 4

A



B



Class 5



Class 6

