# Eye and Face Protection in NDSU Laboratories

Appropriate eye and face protective equipment must be worn at all times in those labs where eye hazards exist.

## Guidelines for selecting appropriate eye and face protection

<table>
<thead>
<tr>
<th>Safety Glasses</th>
<th>Chemical Splash Goggles</th>
<th>Face Shield + Chemical Splash Goggles</th>
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</thead>
</table>

### Required when:
**An impact hazard exists or when working with low hazard chemicals*, or when a low probability of splash exists.**

### Examples:
- Pipeting
- Handling closed bottle of injurious chemical
- Mixing solutions
- Opening centrifuge tubes

### Required when:
**Working with smaller amounts of corrosive or injurious chemicals* and a reasonable probability of splash exists.**

### Examples:
- Pouring acid out of a 1 pint bottle
- Pouring methylene chloride from a 1 liter bottle
- Working with liquids under pressure

### Required when:
**Working with larger quantities of corrosive chemicals* and / or a high probability of eye and face injury exists.**

### Examples:
- Working with an acid bath
- Pouring 4 liters of acid into a container
- Handling highly reactive chemicals that may spatter

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* Refer to the MSDS for additional hazard information. Please refer to the PPE Assessment for specific operations.

Note: Ordinary prescription glasses do not provide adequate protection against eye injury. Eye protection equipment must be ANSI Z87 approved.

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