Lab Manager

Require the Use of Appropriate Eye Protection at All Times

**Appropriate eye protection is defined by the American National Standards Institute (ANSI) Z-87.1 standard.**

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Appropriate eye protection is defined by the [American National Standards Institute](http://www.ansi.org/) (ANSI) Z-87.1 standard.

Wear industrial standard safety glasses (plain or prescription) with side shields as minimum protection.

Chemical splash safety goggles should be worn when:

(1) handling chemicals or biologicals known to be hazardous to the eyes

(2) using chemicals or biologicals which you don’t know if they are hazardous to the eyes (3) working with liquids which are hotter than 60°C.

Safety goggles of the “impact type” (directly ventilated) are not suitable for chemical splash protection. Impact safety goggles are intended to provide greater protection from solid particles than safety glasses. *What is the difference between the impact and chemical splash safety goggles? between glasses and goggles?*

If you can stick your finger between the device and your face, it is not a safety goggle.

If the chemical, biological or operation may injure the face, mouth or neck, a face shield should be worn. According to the ANSI standard, face shields are to be used in addition to chemical splash goggles.

**Source: Kaufman, James A., Laboratory Safety Guidelines - Expanded Edition, The Laboratory Safety Institute** [**www.labsafetyinstitute.org**](http://www.labsafetyinstitute.org/) **.**

# Reference

Kaufman, James A. Require the Use of Appropriate Eye Protection at All Times. 8 October 2015. 6 June 2016 <http://www.labmanager.com/lab-health-and-safety-tips/2015/10/require-the-use-of-appropriate-eye-protection-at-all-times?fw1pk=2#.V1WUIzenUfE>.