
AGRICULTURAL SAFETY TOPICS

PERSONAL EYE PROTECTION

Objective:

To learn the proper use and care of eye protection.

Background:

Shatterproof safety glasses, safety goggles, and face shields offer eye and face protection and yet provide for clear vision. Many eye protectors also have side shields and/or filter lenses. Side shields offer protection from flying objects. Filter lenses provide protection from radiation such as is encountered in welding. Not all flying objects (i.e. high velocity items) will be stopped by wearing eye protection.

All glasses must meet the minimum standards set forth by the American National Standards Institute. Approved lenses are marked by the manufacturer. “Z87” will be on all other major components.

Prescription glasses wearers should wear protective eye wear that either incorporates the prescription lenses or fits comfortably over prescription glasses without disturbing the fit.



AGRICULTURAL SAFETY TOPICS – PERSONAL EYE PROTECTION

Inspect Protective Eye wear

- The arm pieces on safety glasses should touch the side of the head and curl behind the ears.
- Goggle lenses should be centered and the strap should rest low on the back of the head.
- Flexible elastic headbands must be in good shape.
- Discard pitted or scratched eye wear. Eye wear should be clean and defogged.
- Protective eye wear should fit snugly and be reasonably comfortable under conditions of use.

Keep Protective Eye Wear Clean

- Clean the lenses thoroughly with soap and water.
- Disinfect eye wear that has been exposed to a hazardous substance or worn by someone else.
- Store clean eye wear in a closed, dustproof case.

To protect the eyes, follow these safety tips:

- Wear goggles or a face shield around flying chips or particles, electrical arcing or sparks, chemical gases or vapors, harmful light, liquid chemicals, acids, or caustics, molten metal, dusts, or swinging objects like ropes or chains.
- Turn containers away from the face when opening.
- Remove protective eye wear only after turning off the tool.
- Outdated or scratched prescription lenses can distort vision.
- Replace cracked, pitted or damaged goggles or spectacles.
- Concentrate on task at hand when using power tools.
- Stop and relax the eyes if they are becoming strained.
- Keep sharp or pointed objects away from the face and eyes.
- Be certain that protective eye wear is approved protection against the hazard for which it is being used.
- If filter lenses are used, be certain that the filter lens is of a shade number appropriate for the type of work.
- Check with suppliers for most appropriate types of eye protection for the hazard.

AGRICULTURAL SAFETY TOPICS – PERSONAL EYE PROTECTION

Review the Following Points:

- Tools should be turned off before removing goggles.
- Inspect eyewear before wearing.
- Glasses must comply with the minimum requirements of the American National Standard Institute.
- Store eyewear in a clean-dustproof case.

Based upon: Ohio State University Extension. *Eye Protection*. Retrieved from website <http://ohioline.osu.edu/atts/modules.html>

© Workplace Safety & Prevention Services 2014. Workplace Safety & Prevention Services (WSPS) grants permission to approved end users to reproduce this document in whole or in part, provided its intended use is for non-commercial, educational purposes and that full acknowledgement is given to the WSPS. Approved end users are firms registered with the Workplace Safety and Insurance Board. WSPS reserves the right to extend this permission to other stakeholders and interested parties by express written permission upon application. WSPS extends no warranty to materials amended or altered by the end user. Under no circumstances is this document, or any portion thereof, to be duplicated for purposes of sale or for external reproduction or distribution.

(Sample WSPS acknowledgement, “Reproduced or adapted from name of solution with permission of Workplace Safety & Prevention Services, Mississauga, Ontario.”)

The information contained in this reference material is distributed as a guide only. It is generally current to the best of our knowledge as at the revision date, having been compiled from sources believed to be reliable and to represent the best current opinion on the subject. No warranty, guarantee, or representation is made by WSPS as to the absolute correctness or sufficiency of any representation contained in this reference material. WSPS assumes no responsibility in connection therewith; nor can it be assumed that all acceptable safety measures are contained in this reference material, or that other or additional measures may not be required in particular or exceptional conditions or circumstances.

Revised: November 2014