

PERSONAL PROTECTION || Eye and Face Safety

Eye and face protection is extremely important but often taken for granted. Remember to always wear protection for your eyes and when needed also for your face to avoid a potentially permanent injury.

Hazards where face protection, in addition to safety glasses, are found when doing tasks such as:

- Welding
- Grinding with hand held or heavy duty table grinder
- Operating a chainsaw
- Pouring, washing, or spraying chemicals or materials

Workers should practice safe procedures when performing these and similar tasks. Follow the recommendations in this topic to help prevent injuries due to eye and face hazards.



*Worker wearing eye protection and face shield for welding/cutting activity. (*1)*

OSHA Standard 1910.133(a)(1) *The employer shall ensure that each affected employee uses appropriate eye or face protection when exposed to eye or face hazards from flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation.*

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- Never risk danger to your face and eyes even for just a few minutes of welding, cutting, or grinding. The damage can happen quickly and be permanent!
- Always wear face and eye protection that is designed for safety protection and rated as required by OSHA regulations.



*Individual is not wearing proper face and eye protection for the hazards in this photo. (*2)*



*This worker appears to be wearing proper protective equipment. (*3)*

OSHA Standard 1910.133(b)(1) Protective eye and face protection devices must comply with... American National Standards Institute ANSI/ISEA Z87.1-2010, Occupational and Educational Personal Eye and Face Protection Devices, incorporated by reference in § 1910.6;



*Note the worker in this image is properly wearing safety glasses and a face shield. (*4)*

- Always follow the manufacturer's recommendations for the specific face shield.
- **Wear safety glasses under the face shield as intended by the manufacturer.**

- Safety glasses aren't always enough – sometimes you need both the safety glasses to protect your eyes AND a face shield to protect your face.



*The worker in this image needs to wear a face shield to protect from particles and fragments being blown back by the high pressure tool he is using. (*5)*

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- Use the type of face shield suited for the specific task.
- Mesh face shields are great for cutting tasks where large particles could strike your face.
- Clear plastic/acrylic shields are better for tasks where small particles, splattering, or sparks could strike the face.



Mesh face shield worn during chainsaw work. (*6)



Chemical face-shield with integrated safety goggles.
<http://amzn.to/2eONM9J> (*8)

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Remember these tips to keep workers safe from eye and face hazards:

- Never risk danger to your face and eyes, even for just a few minutes of welding, cutting, or grinding.
- Always wear face and eye protection that is designed for safety protection and rated as required by OSHA regulations.
- Safety glasses aren't always enough – sometimes you need both the safety **glasses to protect your eyes** AND a **face shield to protect your face**.
- Always follow the manufacturer's recommendations for the specific face shield.
- Wear safety glasses under the face shield as intended by the manufacturer.
- Use the type of face shield suited for the specific task.



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