

 <p style="text-align: center;">State of Ohio Weatherization Program Standards</p>	Section	<b>BASIC SAFETY STANDARDS</b>
	Subject	<b>Equipment Requirements</b>

### *EQUIPMENT REQUIREMENTS 1409-1*

Employees shall be provided with eye and face protection equipment when machines or operations present potential eye or face injury from physical, chemical, or radiation agents.

**eye and face protection**  
1409-1.1

Eye and face protection equipment required by this Part shall meet the requirements specified in American National Standards Institute, 287.1 1968, Practice for Occupational and Educational Eye and Face Protection.

**requirements**  
1409-1.1a

Face and eye protection equipment shall be kept clean and in good repair. The use of this type of equipment with structural or optical defects is prohibited.

**good repair**  
1409-1.1b

Face shields may be used in lieu of other forms of eye protection, if they provide the required protection against the particular hazards for which they are designed. They shall be provided where additional protection for the face is necessary.

**face shields**  
1409-1.1c

Eye protection shall be provided to employees performing the following operations:

**operations requiring eye protection**  
1409-1.1d

- i. When using hand tools or mechanical equipment to cut, chip, drill, clean, buff, grind, polish, shape or surface masonry, plaster, stone, plastic or other hardened substances;
- ii. Cleaning operations where wire wheels are used;
- iii. Cutting, drilling, turning, planing, jointing and sanding of wood with power tools;
- iv. Operations requiring the use of compressed air for cleaning purposes.

Foot protection should be worn by the employee where an employee is exposed to machinery or equipment that represents a foot hazard or where an employee is handling material which presents a foot hazard.

**foot (toe) protection**  
1409-1.2

**approved respiratory equipment**

1409-1.3

The employer shall furnish approved respiratory equipment where there are air contaminants (hazardous concentrations of fibrosis producing or toxic dusts, toxic fumes, toxic mists, toxic vapors, toxic gases or a combination of these suspended in the atmosphere).

**employee responsibility**

1409-1.3a

It shall be the responsibility of the employee to use the respirator or respiratory equipment provided by the employer, guard it against damage and report any malfunction to the employer.

**exhaust system**

1409-1.3b

This requirement does not apply where an effective exhaust system or other means of equal or greater protection is provided.

**approved devices**

1409-1.3c

Respiratory protective protection is provided.

Respiratory protective devices shall be approved by the U.S. Bureau of Mines or be acceptable to the U.S. Department of Labor for the specific contaminant to which the employee is exposed.

**head and hair protection**

1409-1.4

Whenever employees are required to be present in areas where the potential hazards mentioned in 1408-1.1d of this section are present, employers shall provide suitable protective headgear or hair enclosures.

**accessories**

1409-1.4a

When required, employers shall provide accessories designed for use with protective head gear that are suitable for their intended purpose.

**sanitizing/replacing**

1409-1.4b

Protective helmets, or parts thereof, and hair enclosures shall be sanitized before reissue and damaged parts of protective headgear shall be replaced.

**effectiveness**

1409-1.4c

Employees shall not alter any head or hair protective equipment that lessens its effectiveness and shall use such equipment in accordance with instructions and training.

**protective helmets**

1409-1.5

Protective helmets shall be of the following classes

**classes**

1409-1.5a

Class A, limited voltage protection; Class B, high voltage protection.

All winter liners shall be fabricated of materials that will not support combustion. Winter liners and chin straps, used in conjunction with Class B helmets for protection from electricity, shall not contain any metallic or other conductive material.

**winter liners/chin straps**  
1409-1.5b

Bump caps or hats shall never be used as a substitute for safety helmets where there is danger from falling objects, flying particles or electric shock.

**bump caps**  
1409-1.5c

Hair enclosures (a hat, cap or net) shall be worn where there is danger of hair entanglement in moving parts of machinery or equipment or where there is exposure to means of ignition. It shall be designed to enclose all loose hair and be adjustable to accommodate all head sizes.

**hair enclosures**  
1409-1.5d

Material used for a hair enclosure shall be durable, fast-dyed, nonirritating to the skin and capable of withstanding frequent cleaning. Hair enclosures shall not be reissued from one employee to another, unless thoroughly sanitized.

Helmets for the protection of employees against impact and penetration of falling and flying objects shall meet the specifications contained in American National Standards Institute, 281.1, dated 1969.

**helmets**  
1409-1.5e

Employees exposed to continuous noise levels of ninety (90) or more decibels (dBA) slow response shall be provided with ear protection.

**hearing protection**  
1409-1.6

If ear plugs that require fitting are provided, they shall be fitted to the individual employee by a competent person.

**ear plugs**  
1409-1.6a

Plain cotton is not an acceptable device.

**cotton not acceptable**  
1409-1.6b

Lifelines, safety belts and lanyards shall be used when engaged in securing or shifting thrust-outs, inspecting or working on overhead machines that support scaffolds or on other high rigging, on steeply pitched roofs and by all employees exposed to hazards of falling when the operation being performed is more than 15 feet above ground or above a floor or platform.

**lifelines, safety belts, lanyards**  
1409-1.7

Lifelines and safety belts shall be securely fastened to the structure and shall sustain a static load of no less than 5,400 pounds.

**employer  
responsibility**  
1409-1.7a

It shall be the responsibility of the employer to provide appropriate lifelines, safety belts and lanyards and to keep them in good repair.

**employee  
responsibility**  
1409-1.7b

It shall be the responsibility of the employee to wear such equipment when engaged in the activities identified in 1409-1.7 above.

**employee  
safeguarding**  
1409-1.7c

Lifelines, safety belts and lanyards shall be used only for employee safeguarding. Any lifeline, safety belt or lanyard actually subjected to in-service loading, as distinguished from static load testing, shall be removed from service and shall not be used again for employee safeguarding.

**hardware**  
1409-1.7d

All safety belt and lanyard hardware shall be drop forged or pressed steel, cadmium plated. Surface shall be smooth and free from sharp edges.