

The Care of Personal Protective Equipment

Whenever practical, PPE will be assigned to individual workers for their exclusive use. Employees will be responsible for the PPE equipment assigned to them or used by them.

PPE will be regularly cleaned, inspected and stored according to instructions given during the training sessions or as directed by supervisors or managers. Defective or damaged PPE shall not be used. Employees are to report any defective or damaged equipment to their supervisor for repair or replacement.

The Types of PPE that are to be used at the Company and Methods of Use

Eye and Face Protection-

Thousands of people are blinded each year from work related eye injuries. Injuries that could have been prevented, if only people would have used eye or face protection. The majority of eye injuries can be prevented by the use of suitable/approved safety spectacles, goggles, or shields. Approved eye and face protection shall be worn when there is a reasonable possibility of personal injury. Supervisors, with assistance from the Safety and Health Manager, determine jobs and work areas that require eye protection and the type of eye and face protection that will be used.

Typical hazards that can cause eye and face injury are:

- Splashes of toxic or corrosive chemicals, hot liquids, and molten metals;
- Flying objects, such as chips of wood, metal, and stone dust;
- Fumes, gases, and mists of toxic or corrosive chemicals; and
- Aerosols of biological substances.

Prevention of eye accidents requires that all persons who may be in eye hazard areas wear protective eyewear. This includes employees, visitors, contractors, or others passing through an identified eye hazardous area. To provide protection for these personnel, The Company will procure a sufficient quantity of heavy duty goggles and/or plastic eye protectors which afford the maximum amount of protection possible.

If these personnel wear personal glasses, they shall be provided with a suitable eye protector to wear over them.

Notes

Description and Use of Eye/Face Protectors- (continued)

c) Welders/Chippers Goggles. These goggles are available in rigid and soft frames to accommodate single or two eye piece lenses.

Welders goggles provide protection from sparking, scaling or splashing metals and harmful light rays. Lenses are impact resistant and are available in graduated shades of filtration.

Chippers/grinders goggles provide eye protection from flying particles. The dual protective eye cups house impact resistant clear lenses with individual cover plates.

d) Face Shields. These normally consist of an adjustable headgear and face shield of tinted/transparent acetate or polycarbonate materials, or wire screen. Face shields are available in various sizes, tensile strength, impact/heat resistance and light ray filtering capacity. Face shields will be used in operations when the entire face needs protection and should be worn to protect eyes and face against flying particles, metal sparks, and chemical/ biological splash.

e) Welding Shields. These shield assemblies consist of vulcanized fiber or glass fiber body, a ratchet/button type adjustable headgear or cap attachment and a filter and cover plate holder. These shields will be provided to protect workers' eyes and face from infrared or radiant light burns, flying sparks, metal spatter and slag chips encountered during welding, brazing, soldering, resistance welding, bare or shielded electric arc welding and oxyacetylene welding and cutting operations.

The Safety and Health Manager maintains a supply of various eye and face protective devices. Personnel requiring prescription safety glasses must contact the Safety and Health Manager.

Emergency Eyewash Facilities-

Emergency eyewash facilities meeting the requirements of ANSI Z358.1-1981 shall be provided in all areas where the eyes of any employee may be exposed to corrosive materials. All such emergency facilities shall be located where they are easily accessible to those in need.

Notes

Types of Respirators

There are two major categories of respirators:

1. Air Purifying Respirators-These types of respirators include:

- Air Purifying Disposable Particulate Masks;
- Air Purifying Half Mask Respirators;
- Air Purifying Full Face Mask Respirators;
- Gas Masks; and
- Powered Air Purifying Respirators.

2. Supplied Air Respirators-These types of respirators include:

- Airline Respirators;
- Emergency Escape Breathing Apparatus; and
- Self-Contained Breathing Apparatus (SCBA).

Selecting the Correct Respirator

The first step in selecting the correct respirator is to determine the level of hazard that is posed by the environment in which you will be working. To do this, you must be able to answer four basic questions:

1. What type of contaminant is present?
2. What is the form of the contaminant?
3. How toxic is the contaminant?
4. What is the concentration of the contaminant?

Because you may not be able to answer these questions on your own, always work with your supervisor or Safety and Health Manager to determine the correct answers to these questions.

In addition to determining the level of hazard that is posed by the environment, you must also consider:

1. How long will you be exposed to the contaminant?
2. What is your individual sensitivity to the contaminant?
3. What are your individual requirements?
 - Do you wear glasses?
 - Do you have a beard or other facial hair?
 - Do you wear dentures?
 - Will you have to wear other protective equipment?

Talk with your supervisor or safety professional to determine the correct respirator you will need to work safely.

Notes

