

V. PERSONAL PROTECTION

A. HEAD - SCALP

1. Approved hard hats in good condition are required during working hours.
2. Metal hard hats are not generally recommended and may never be worn in motor control rooms, substations, or near overhead electric lines, energized or not.

B. EYES AND EARS

1. Types of Eye Protection

- a. *Plain safety glasses with sideshields* — required at all times during working hours in shops and when drilling, chipping, pouring concrete, driving nails, hitting steel on steel, etc.



- b. *Prescription safety glasses* — available at cost.

c. *Burning goggles*

- 1) Required for all gas welding and burning.

- 2) No. 3 density minimum.

- 3) Plastic cover plate on both sides of filter lens.



- d. *Coverall goggles* — required for most power chipping, sawing and handling corrosive liquids.



e. *Visitors' goggles*

- 1) Required for all visitors unless they are wearing approved safety glasses.

- 2) Used by prescription glass wearers until their glasses are received.



1. *Full face shields*

- 1) Required for grinding and handling molten materials (lead, tar).

- 2) May be used instead of coverall goggles.

2. *Precautions*

- a. Keep hands away from eyes.

- b. Know location of eye wash stations and flood with water if contact with foreign matter is suspected. Do not try to remove foreign matter yourself.

3. *Ears*

- a. Ear plugs are required in some areas.

C. FACE AND NECK

1. *Face shields* must be worn when:

- a. Working with tar pots.
- b. Working with molten lead and acids.
- c. Performing certain grinding operations.
- d. Using power saws which can throw solid material out.

2. *Skin protection*

See page 14.

3. Welding can cause arc burns. Keep your neck and face suitably protected.

4. Loose neckties or frayed shirts are not to be worn around machinery.