

Personal Protective Equipment

* **Head Protection:**

- * Utilization required when an employee is exposed to head impact, falling or flying objects, electrical shock or burns, hair entanglement or fire hazard.
- * A helmet constructed with metal components shall not be worn when an employee is exposed to an electrical hazard.
- * A modification, including painting and drilling, to the shell or suspension is prohibited.
- * Suspension properly adjusted to provide appropriate headband pressure against the wearer's head.
- * Worn on top of the head, with the brim in the forward position.
- * Inspected before each use.
- * Avoid exposure to ultraviolet (sun) radiation, when not in use.
- * Replace if a component sustains damage.

* **Foot Protection:**

- * Utilization required when an employee is exposed to a falling or moving object, burning, scalding, cutting, penetration or similar hazard.
- * Constructed of leather or other equally firm and substantial material.
- * Utilization of lightly constructed (tennis shoes, canvas tops, thin or soft soles, open-toed sandals, slippers, dress shoes) footwear is not permitted
- * Soles and heels constructed of material which will not create a slip hazard.
- * Deteriorated footwear must be replaced.
- * Safety-toe footwear is required when employees are exposed to crush or impact injury.
- * When conditions warrant, rubber or similar footwear should be worn.

Personal Protective Equipment

* Eye and Face Protection

- * Utilization required when a machine or operation presents potential eye or face injury, from a physical, chemical or radiation agent.
- * The construction and design must comply with the American National Standards Institute (ANSI) standard, Z87.1-1968
- * The construction and design of corrective lenses and frames must comply with the American National Standards Institute (ANSI) standard, Z87.1-1968.
- * Equipment specifications:
 - * Reasonably comfortable
 - * Durable
 - * Easily cleanable/disinfected
 - * Fit snugly
 - * Marked with the manufacturer's identification.
 - * Utilized according to the manufacturer's recommendations.
 - * Minimum interference with the wear's normal movement.
 - * Designed to provide protection against applicable hazard(s).
- * Equipment must be kept clean and properly maintained. The use of equipment with structural or optical defects is prohibited.
- * Dark shaded equipment should not be used in a reduced light environment.
- * Welding and cutting filter lens shade requirements are discussed in the "Welding and Cutting" section of this program.

* Hearing Protection:

- * Utilization is required when employees are exposed to hazardous noise levels.
- * Disposable foam-type ear plugs will be provided.
 - * Cotton plugs will not be used.
- * Plugs must be properly inserted into the ear canal, according to the product manufacturer's recommendations.

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* **Leg Protection:**

- * Utilization required when an employee is operating a chain saw .
- * Protector must be constructed of flexible ballistic nylon pads or equivalent material.
- * The protector must be sewn or otherwise fastened into the trousers or equivalent protection shall be provided.
- * Protectors must be capable of providing adequate protection to vulnerable leg areas.

* **Hand Protection:**

- * Utilization required when an employee is exposed to potentially injurious materials, chemicals, heat sources and similar substances.
- * Gloves must be designed for the specific application.
- * Gloves must be properly maintained.
- * Gloves should fit snugly to avoid potential machine entanglement danger.
- * Hand protection requirements for electrical workers are discussed in the "Personal Protective Equipment for Electrical Workers" section of this program.

* **Clothing:**

- * Requirements:
 - * Full body shirt, with a four (4) inch minimum sleeve length.
 - * Full length pants.
 - * When an employee is exposed to an entanglement hazard, clothing must fit closely about the body. Dangling clothing and/or jewelry is prohibited.
- * Protection from atmospheric conditions:
 - * Rain coat
 - * Rubber footwear

**Personal Protective Equipment
for Electrical Workers**

- * Rubber protective equipment shall be compliant with and tested pursuant to the following:

Rubber Insulative Gloves:	(ASTM) D 120-87
Rubber Matting for Use around Electrical Apparatus:	(ASTM) D 178-88
Rubber Insulative Blanket:	(ASTM) D 1046-88a
Rubber Insulative Hoods:	(ASTM) D 1049-88
Rubber Insulative Line Hose:	(ASTM) D 1050-90
Rubber Insulative Sleeves:	(ASTM) D 1051-87
- * Protective equipment must be made of rubber, unless a substitute is demonstrated safe for the relevant application.
- * Manufacturer's rated voltage protection shall not be exceeded.
- * Equipment modification, alteration or utilization for other than the designed purpose is not permissible.
 - * Unless approved, in a written format, by the product manufacturer.
- * Protective equipment numbered and records maintained indicating test results and personnel assignment information.
- * Equipment dielectrically tested, within a six (6) months time-period.
 - * Test or expiration date inscribed on the equipment.
- * Vulcanization or patching of protective equipment is prohibited.
- * A box or compartment provided, on each line truck, for safe equipment storage.
 - * Equipment damage exposure prevention.
- * Separate container or compartment available and utilized for rubber blanket(s).
- * Before placement in a storage box or compartment, blanket(s) wiped clean and rolled, not folded.
- * Line hose not doubled back onto itself.
- * Protective non-rubberized line equipment shall be maintained in a clean condition.
 - * Visually inspected prior to each utilization.
 - * Defective or unsuitable equipment shall not be utilized.
 - * Labeled in order to indicate defect(s) or damage.