






The following chart provides information on the selection of Electrical PPE to protect the body. Electrical PPE may include safety glasses, face shields, hoods, hard hats, electrical hazard rated safety shoes, insulating rubber gloves with leather protectors, insulated sleeves, and arc rated clothing, Depending on the tasks.

Remember prior to wearing PPE employees are required to:

1. Perform PPE hazard assessments and determine the PPE needed to provide protection
2. Obtain training on the proper use of PPE for working on or near exposed energized parts
3. Inspect and test PPE to ensure the equipment is not damaged or defective.
4. All PPE should be clean and free of liquid stains, oils or greases, or debris.

Body Part	Required PPE	Notes	Example Pictures
Head Face (Eyes) Neck Chin	<ol style="list-style-type: none"> 1. Non-conductive hard hat 2. Balaclava 3. Faceshield 4. Safety glasses or goggles 5. Arc Rated Hood 	<ol style="list-style-type: none"> 1. PPE should be non-conductive 2. Balaclava should not cover the eye 3. Eye protection may be tinted 	
Torso & Limbs	<ol style="list-style-type: none"> 1. Long Sleeve shirts and pants 2. Jackets 3. Bib overalls 4. Coveralls 5. Insulated sleeves 	<ol style="list-style-type: none"> 1. PPE must be rated at or above the incident energy hazard level for arc flash protection and voltage level for shock protection 	
Hand	<ol style="list-style-type: none"> 1. Rubber Insulating gloves 2. Leather gloves 	<ol style="list-style-type: none"> 1. Rubber gloves and leather protectors should be worn in combination 	

Body Part	Required PPE	Notes	Example Pictures
Ear	1. Hearing Protection	1. Standard hearing protection can be used 2. Blast rated ear protection can be used where hearing adjacent workers is required.	
Foot	1. EH rated leather footwear	1. Leather is required	
Undergarment Information			
Clothing		Comments	
1. T-Shirts 2. Socks 3. Underwear 4. Thermal Undergarments		1. Undergarments should be made from natural fibers 2. Non-melting materials (i.e. cotton, wool, rayon, silk, or blends of these material) 3. Conductive items should not be worn underneath 4. A small amount of elastic is allowed in the undergarment 5. Undergarments are provided by employee	

Notes

1. PPE must be arc rated at or above the incident energy or category level of the equipment being worked on.
2. Mixed incident energy levels of arc rated PPE can be used if the manufacturer of the garment approves (ex. 8 cal/cm² shirt and 11 cal/cm² pants from the same manufacturer for an 8 cal/cm² (or lower) hazard).
3. Shock protective PPE must be rated at or above the voltage being worked on.