



**Facilities Operations
Safety Policy Statement
SP-4
Electrical Work Practices - Clothing**

1. **Purpose:** To ensure that all employees engaged in electrical work (systems greater than 50 volts) are properly clothed prior to conducting work. For the employees' safety, no metallic jewelry should be worn while conducting any electrical work.
2. **Definition:** Arc Flash Prevention Guideline is the working document these categories are defined by. Refer to this document for specific information located below.
 - a. Category 1 – Daily work wear; OSHA approved, all cotton pants, shirts and safety footwear.
 - b. Category 2 – Must meet Category 1 requirement in addition to OSHA approved fire retardant coveralls and/or equivalent. Working on the following equipment requires use of Category 2 FR clothing and appropriate PPE:
 - i. Any three phase breaker and/or fuses smaller than 150 amps. (50 to 600 Volts nominal)
 - ii. Any single phase equipment fuses or breakers smaller than 200 amps. (50 to 600 Volts nominal)
 - c. Category 3 – Not currently being used by UNCCCharlotte
 - d. Category 4 – High Voltage Power Transmission and Distribution Equipment work subject to the potential hazards of arc and flames are likewise required to wear all cotton clothing or OSHA approved fire retardant clothing and no jewelry and arc flash suits.
 - i. Any three phase breaker and/or fuses larger than 175 amps. (50 to 600 volts nominal)
 - ii. Any single phase equipment fuses or breakers larger than 225 amps. (50 to 600 volts nominal)
 - iii. Any generator system sub panel mains. (50 to 600 volts nominal)

Standards are currently changing anything written above shall be reviewed and change as required.


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