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Brookhaven National Laboratory/ Photon Sciences Directorate

<b>Subject:</b>	<b>Photon Sciences ELEC PPE - Category 1 Roster (Course Code PS-ELEC-PPE-CAT1)</b>		
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Prepared and Approved By:	Mary Anne Corwin		
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\*Approval signatures on file with master copy.

[Revision Log](#)

<b>Instructor:</b>	Al Boerner	<b>Course Date:</b>	
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**Category 1:** PPE Orientation for Working on or Near Exposed Energized Parts and Operating Electrical Equipment (switch throwing)

**Objective:** Have employees demonstrate proper donning and use of BNL category 1 PPE. The NSLS Electrical Work Permit will list the voltage limits and actual PPE requirements for working on or near energized parts relating to your task. Follow the BNL subject Area "Electrical Safety" for information on Operating Electrical Equipment PPE requirements.

- Explain the importance of NSLS PRMs and BNL Subject Area procedures
- Fire-Rated Long-Sleeve Shirt ( $\geq 4$  cal/cm<sup>2</sup>)
- Fire-Rated Long Pants ( $4 \geq$ cal/cm<sup>2</sup>) OR cotton Denim Blue Jeans ( $\geq 12$  oz/yd<sup>2</sup>)
- All fire rated clothing:
  - Button all buttons
  - Non-melting under garments (natural fiber)
  - Check for holes
  - Follow washing instructions on tag
- Voltage Rated Gloves and leather glove protectors
  - V-rated gloves over shirt cuffs
  - Leather gloves over v-rated gloves
  - Field check gloves
  - Store gloves lying flat, undistorted, right-side out, and unfolded, in protective bag
- Hard Hat
- Safety Glasses (non-conductive)
- Removal of conductive apparel
- Voltage Rated Tools
- Category III or IV Multimeter
- Working on or near arc flash boundary: Within 5 feet of energized work PPE must be donned
- Explain Energized Work Permit
- Inspect PPE prior to each use

	Last Name (print)	First Name (print)	Life/Guest Number	Signature
1				
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Instructor signature certifies attendance and satisfactory completion of course:

Instructor's signature: \_\_\_\_\_ Date \_\_\_\_\_

For record entry into BTMS return copy to: Mary Anne Corwin, Bldg. 725D

