

Electrical Safety Program

Appendix L-Electrical Risk Assessment Table (ERAT)

Management and Electrical Supervisors shall be able to perform risk assessments to determine which tasks require which PPE, boundaries, and tools.

Please note that the requirements of an existing label indicating PPE and boundary requirements shall always supersede the Categories Method.

	PPE	Barricade Placement (minimum)	Insulated Tools Required?	Other Procedural Requirements	Qualified Electrical Worker Level Requirement
1	-Insulated Gloves -Leather Protectors -Cotton Clothing -Safety Glasses	5 feet	Yes, If work is done on energized conductors (i.e., terminations or cutting of wires)	If lighting circuit, refer to Ballast Risk Assessment. If circuit is to be de-energized, refer to ESWC section.	1 & 2
2	-Insulated Gloves -Leather Protectors -PPE based on Categories Method or Label -Hearing Protection	PPE Category 2: 5 Feet PPE Category 4: 20 feet	No, as no 'work' will be performed	Refer to 'Testing & Troubleshooting' Section	1 & 2
3	-Class 00 Insulated Gloves -Leather Protectors -PPE based on Categories Method or Label -Hearing Protection	PPE Category 2: 5 Feet PPE Category 4: 20 feet	Yes	Refer to 'Energized Work' Section	2
4	-Class 00 Insulated Gloves -Leather Protectors -PPE based on Categories Method or Label -Hearing Protection	PPE Level 2: 5 Feet PPE Level 4: 20 feet	No	Refer to 'ESWC' Section	1 & 2
5	-Class 2 Insulated Gloves -Leather Protectors -PPE based on Categories Method or Label -Hearing Protection	20 feet	Yes	See Medium Voltage Work Section	2