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.

<table>
<thead>
<tr>
<th>PPE</th>
<th>Barricade Placement (minimum)</th>
<th>Insulated Tools Required?</th>
<th>Other Procedural Requirements</th>
<th>Qualified Electrical Worker Level Requirement</th>
</tr>
</thead>
</table>
| 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 |