Limited Approach Boundary

- Anyone within this area is subject to injury should an Arc Flash occur.
- The qualified worker must insure no one is allowed in this area when covers are removed.
- Heat energy within this area could cause greater than second degree burns.
- Proper PPE must be worn by all people in this area.
- Unqualified people may be this close when supervised by a qualified electrician.

Restricted Approach Boundary

- Anyone within this area is subject to injury should an Arc Flash occur.
- The qualified worker must insure no one is allowed in this area when covers are removed.
- Heat energy within this area could cause greater than second degree burns.
- Proper PPE must be worn by all people within this distance.
- Unqualified are not allowed within this distance.
- Voltage protection such as voltage rated tools and gloves must be applied within this distance.

Prohibited Approach Boundary

- Anyone within this area is subject to injury should an Arc Flash occur.
- The qualified worker must insure no one is allowed in this area when covers are removed.
- Heat energy within this area could cause greater than second degree burns.
- Proper PPE must be worn by all people within this distance.
- Unqualified are not allowed within this distance.
- Voltage protection such as voltage rated tools and gloves must be applied within this distance.

Arc Flash Boundary

- The qualified worker must insure that no one is allowed in this area when covers are removed.
- Anyone within this area is subject to injury or death should an Arc Flash occur.
- Heat energy within this area could cause greater than second degree burns.
- The intense heat will vaporize metal producing gases, vapors, and molten shrapnel.
- These gases expand rapidly up to 67,000 times the original space occupied by the metal. This explosion is roughly equivalent to the detonation properties of TNT.
- The sound wave can exceed 160 db.

Barricades shall be used in conjunction with safety signs where it is necessary to prevent or limit employee access to work areas containing energized conductors or circuits parts. Conductive barricades shall not be used where it might cause an electrical hazard. Barricades shall be placed no closer than the limited approach boundary given in the table: NFPA 70E 2012 Edition Table 130.4(C)(a) and Table 130.4(C)(b)