

# **Attachment 9 - Electrical Equipment Safe Work Space Requirements**

Sufficient space is provided and maintained about electrical equipment to permit ready and safe operation and maintenance. Where energized parts are exposed, the minimum clear work space is never less than 6 ½ ft high (measured vertically from the floor) or less than 3 ft wide (measured parallel to the equipment). The depth is shown in the following table and in all cases the work space will permit at least a 90 degree opening of doors or hinged panels.

Nominal Voltage to Ground	Condition 1	Condition 2	Condition 3
0-150 V	3 ft	3 ft	3 ft
151-600 V	3 ft	3 ft 6 in	4 ft
601-2500 V	3 ft	4 ft	5 ft
2501 -9000 V	4 ft	5 ft	6 ft
9001 -25,000 V	5 ft	6 ft	9 ft
25,001 V – 75 kV	6 ft	8 ft	10 ft
Above 75 kV	8 ft	10 ft	12 ft

Condition 1 – exposed live parts on one side of the working space and no live or grounded parts on the other side of the working space, or exposed parts on both sides of the working space that are effectively guarded by insulating materials.

Condition 2 – exposed live parts on one side of the working space and grounded parts on the other side of the working space. Concrete, brick, or tile walls are considered as grounded.

Condition 3 – exposed live parts on both sides of the working space.

**NOTES:**

From the California Electrical Code (CEC2007), section 110.32.