

UT Health Science Center: GS5113 – Electrical Safety Procedure	
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Appendix A

Working Clearances for Electrical Equipment

TABLE 1
Working Clearances

Nominal Voltage to Ground	Minimum Clear Distance for Condition ⁽³⁾		
	A	B	C
0-150	3' ⁽¹⁾	3' ⁽¹⁾	3'
151-600	3' ⁽¹⁾	3-1/2'	4'
601-2,500	3'	4'	5'
2,501-9,000	4'	5'	6'
9,001-25,000	5'	6'	9'
25,001-75 kV ⁽²⁾	6'	8'	10'
Above 75 kV ⁽²⁾	8'	10'	12'

(1) Minimum clear distance may be 2-1/2' for installations built prior to April 16, 1981.

(2) Minimum clear distance in front of electrical equipment with nominal voltage to ground above 25 kV may be the same as for 25 kV under conditions A, B and C for installations built prior to April 16, 1981.

(3) Conditions A, B and C are as follows: (A) Exposed live parts on one side and no live or grounded parts on the other side of the working space, or exposed live parts on both sides are effectively guarded by an insulating material. Insulated wire or insulated busbars operating at not over 300 volts are not considered live parts. Concrete, brick or tile walls are considered to be grounded. (B) Exposed live parts on one side and grounded parts on the other. (C) Exposed live parts on both sides of the workspace not guarded as per condition (A), with the operator between.