

GENERAL REQUIREMENTS FOR CLEARANCES, CONSTRUCTION OF ELECTRIC TRANSMISSION AND DISTRIBUTION LINES AND EQUIPMENT, CONSTRUCTION INDUSTRY
16 VAC 25-155

16 VAC 25-155-10 General Requirements

A. No employee shall be permitted to approach or take any conductive object without an approved insulating handle closer to exposed energized parts than shown in subsection B (Table V-1) unless:

1. The employee is insulated or guarded from the energized part (insulating gloves or insulating gloves and sleeves worn in accordance with 16 VAC 25-90-1910.269 (1)(3) are considered insulation of the employee only with regard to the energized part upon which work is being performed), or
2. The energized part is insulated or guarded from him and any other conductive object at a different potential, or
3. The employee is isolated, insulated, or guarded from any other exposed conductive object(s), as during live-line bare-hand work.

B. Alternating Current - Minimum Distance

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TABLE V-1 - ALTERNATING CURRENT - MINIMUM DISTANCES

<u>Voltage range (phase to phase)</u> <u>(kilovolt)</u>	<u>Minimum working and clear hot</u> <u>stick distance</u>
<u>2.1 to 15</u>	<u>2 ft. 0 in.</u>
<u>15.1 to 35</u>	<u>2 ft. 4 in.</u>
<u>35.1 to 46</u>	<u>2 ft. 6 in.</u>
<u>46.1 to 72.5</u>	<u>3 ft. 0 in.</u>
<u>72.6 to 121</u>	<u>3 ft. 4 in.</u>
<u>138 to 145</u>	<u>3 ft. 6 in.</u>
<u>161 to 169</u>	<u>3 ft. 8 in.</u>
<u>230 to 242</u>	<u>5 ft. 0 in.</u>
<u>345 to 362</u>	<u>(1) 7 ft. 0 in.</u>
<u>500 to 552</u>	<u>(1) 11 ft. 0 in.</u>
<u>700 to 765</u>	<u>(1) 15 ft. 0 in.</u>

Footnote (1) NOTE: For 345-362 kv., 500-552 kv., and 700-765 kv., minimum clear hot stick distance may be reduced provided that such distances are not less than the shortest distance between the energized part and the grounded surface.

**SUBPART V – POWER TRANSMISSION AND DISTRIBUTION -GENERAL
REQUIREMENTS - CLEARANCES
REPEAL OF 16 VAC 25-175-1926.950 (c) (1)**

(c) Clearances. The provisions of paragraph ~~(e)(1) or~~ (2) of this section shall be observed.

~~1) No employee shall be permitted to approach or take any conductive object without an approved insulating handle closer to exposed energized parts than shown in Table V-1 unless:~~

~~———(i) The employee is insulated or guarded from the energized part (gloves or gloves with sleeves rated for the voltage involved shall be considered insulation of the employee from the energized part), or~~

~~———(ii) The energized part is insulated or guarded from him and any other conductive object at a different potential, or~~

~~———(iii) The employee is insulated from any other exposed conductive object(s), as during live line bare hand work.~~