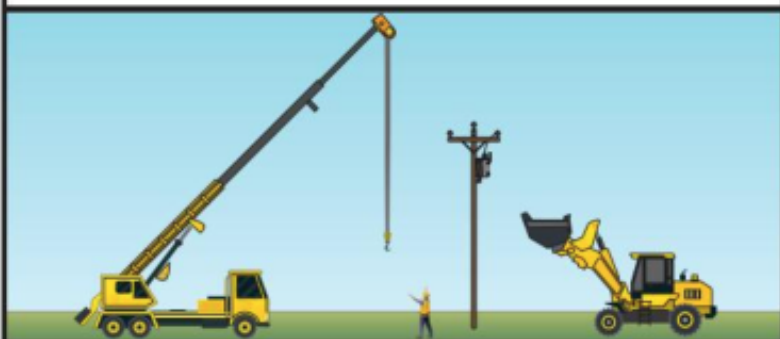


Guide for Operation of Equipment Near Power Lines and Customer Owned Poles to Power Lines - see NESC and OSHA for details and exceptions

Crane / Derrick Transmission Clearance



Crane / Derrick	Less than 50kV	Heavy machinery equipment (backhoes, front-end loaders, bulldozer, dump trucks)	Less than 50kV
Must Contact Electric Utility if maximum working radius in the work zone. See OSHA 1926.1408 (a) (2)	20 feet	Horizontal Minimum Clearance from. See OSHA 1926.600 (a) (6)	10 feet
Minimum Approach Distance, ONLY if Specific Controls in Place. See OSHA 1926.1408 (a) (2) (iii)	10 feet	Vertical Minimum Clearance from. See OSHA 1926.600 (a) (6)	10 feet

Scissor Lift & Scaffolding Clearance



	Uninsulated Neutral Conductor	Insulated Line less than 300 Volts	Insulated Line less than 300 Volts to 750 volts	Uninsulated Lines 750 volts to 25 kV
Distance from Scaffold See OSHA 1926.451 (f) (4)	10 feet	3 feet	10 feet	10 feet
Worker or any conductive object See OSHA 1910.333 (c) (3) (i) (B)	Avoid Contact	1 feet	1 feet	2 feet

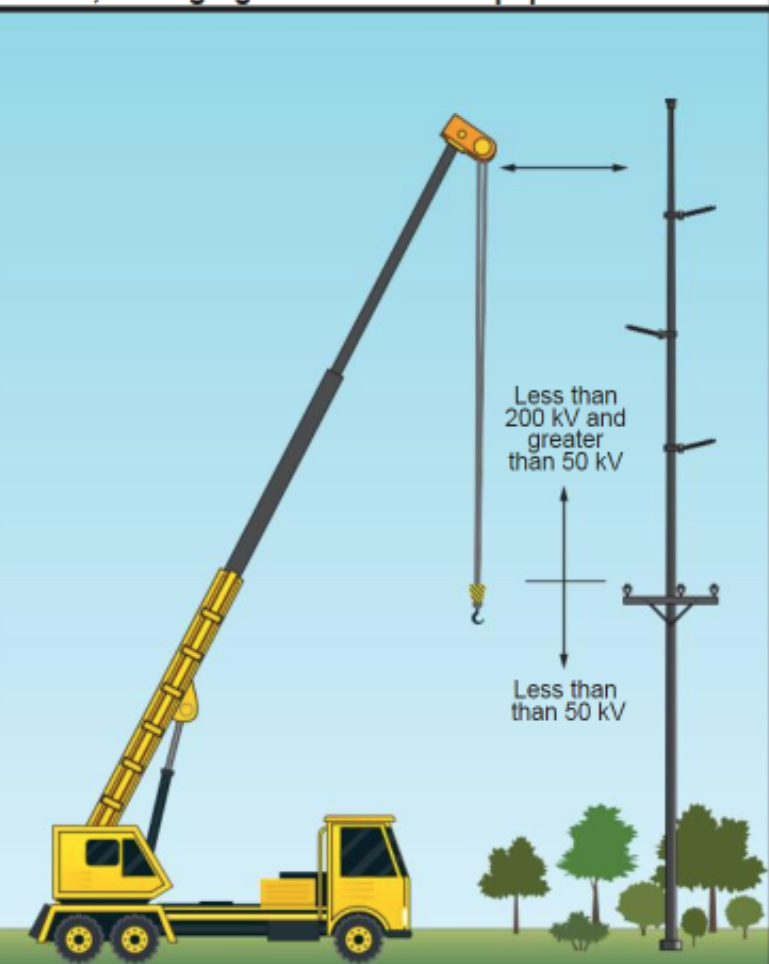
Light / Traffic Signal Pole - Vertical



	Neutral	Triplex	750 volts to 25kV
Vertical - NESC 234B2	3 feet	3 feet	4.5 feet

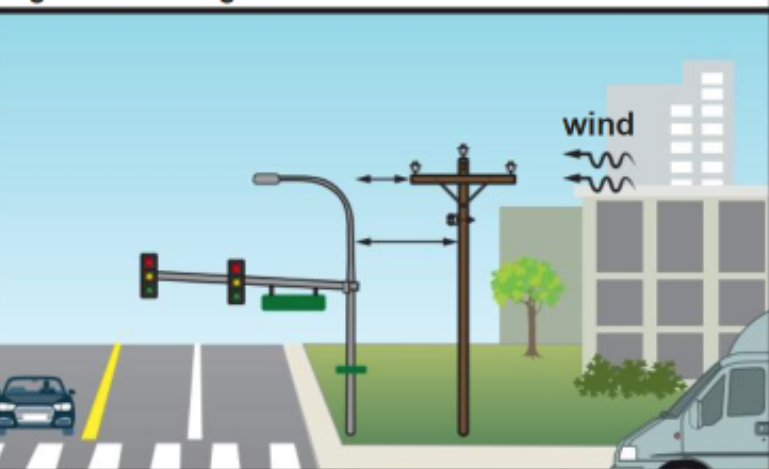
* OSHA Minimum Clearances (typ. 10 ft.) apply when working on Light / Traffic Signal Pole See OSHA 1910.333 (c) (3) (i) (B)

Crane, drilling rig & Mechanized Equipment Clearance



	Less than 50kV	Less than 200kV and Greater than 50
Must Contact Electric Utility if maximum working radius in the work zone. See OSHA 1926.1408 (a) (2)	20 feet	20 feet
Minimum Approach Distance, ONLY if Specific Controls in Place. See OSHA 1926.1408 (a) (2) (iii)	10 feet	15 feet

Light / Traffic Signal Pole - Horizontal



	Neutral	Triplex	750 volts to 25kV
Horizontal - NESC 234B1	3 feet	3 feet	5 feet
Horizontal 50MPH Wind - NESC 234B1	3 feet	3 feet	4.5 feet

* OSHA Minimum Clearances (typ. 10 ft.) apply when working on Light / Traffic Signal Pole See OSHA 1910.333 (c) (3) (i) (B)