According to the Occupational Safety and Health Administration, roofers have a high number of workplace electrical fatalities. A total of 81% of these fatalities occurred from contact with overhead power lines. 70% of all worker electrical fatalities occur in non-electrical occupations.

81% of roofer workplace electrical fatalities occurred from contact with overhead power lines.

Keep yourself and your tools at least 10 feet away from all power lines.

Locate and identify utilities, such as overhead power lines before starting work. Call 811 before you dig.

Look for overhead power lines when operating any equipment.

Always use ground-fault protection.

Do not operate portable electric tools unless grounded or double insulated.

Be aware of energized equipment or parts near you. Many fatalities occur from workers accidentally coming in contact with energized equipment or parts near them.

Voltage  Safe Distance
500 Kv – 800 Kv  19 – 24 Ft
230 Kv – 362 Kv  13 – 16 Ft
41.1 Kv – 169 Kv  10 – 12 Ft
<50 v – 46 Kv  10 Ft

Kilovolt (Kv)

Know and maintain safe distances from power lines.