

(1) On the opposite side of the entry from any shelter hole or clearance space, except where six and one-half feet or more above the rail or at adequately guarded shelter holes;

(2) The hanger on each curve shall be spaced so the trolley wire can be detached at any one hanger without exposing the locomotive operator to a shock hazard;

(3) Trolley wires and trolley feeder wires shall be aligned properly and installed at least [six] 6 inches outside the trackage line;

(4) Cutout switches shall be provided at intervals of not more than 2,000 feet and near the beginning of each branch line;

(5) Wires shall be kept taut and not permitted to touch the roof, rib, or crossbars; particular care shall be taken where the wire passes through a door opening to preclude the possibility of bare wire coming in contact with combustible material;

(6) Trolley wires and trolley feeder wires shall be guarded adequately where necessary for employees to pass or work under them regularly. The wires shall be guarded adequately unless they are more than six and one-half feet above the top of the rail. The wires also shall be guarded adequately on both sides of every door;

(7) The wires may not extend beyond the last open crosscut and shall be kept at least 150 feet from pillar workings;

(8) Wires shall be anchored securely and insulated properly at the ends; and

(9) Wires shall not be installed in air known to contain at least [one] 1 percent methane, or in air returning from pillar recovery work, or old workings where dangerous amounts of methane may be liberated suddenly.

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(a) If any working place is being driven towards, or is in supposedly dangerous proximity to, an abandoned mine suspected of containing explosive gas or which may contain a dangerous accumulation of water, a borehole shall be kept not less than 12 feet in advance of the face and on the sides of the working place. The side holes shall be driven diagonally at intervals not exceeding [eight] 8 feet. A working place driven to tap water or gas may not be more than [ten] 10 feet wide.