

7-407.

(b) If a designated escapeway is a shaft:

(1) It shall be equipped with hoist and cage, or with travelable stairways or ladders. A shaft sunk more than 30 feet deep may not be equipped with ladders.

(2) Stairways shall be of substantial construction, set at an angle not greater than 45° from the horizontal and equipped on at least one side with a suitable handrail. Landing platforms shall be at least [two] 2 feet wide and [four] 4 feet long and railed properly.

(3) Ladders shall be anchored securely.

(4) If ladders, or stairways are installed in an angle greater than 45° , their use may be continued provided they are of substantial construction, with platforms at intervals of not more than 30 feet and equipped with a handrail in the case of stairways. If a designated escapeway is a slope of not more than 45° , it shall be equipped with a stairway or adequate walkway with cleats. If the slope is more than 45° , stairways shall be installed. Direction signs shall be posted conspicuously to indicate mainways and designated escapeways.

7-416.

(k) At the bottom of each hoisting shaft and at intermediate landings, a "run-around" shall be provided for safe passage from one side of the shaft to the other. This passageway may not be less than [five] 5 feet in height and [three] 3 feet in width.

7-418.

(g) (1) Shelter holes shall be provided along haulage entries driven where locomotive, rope, or shuttle car haulage is used. They shall be spaced not more than 80 feet apart. Except where the trolley wire is six and one-half feet or more above the rail, or guarded effectively at the shelter holes, the holes shall be on the side of the entry opposite the trolley wires.

(2) Shelter holes shall be at least [five] 5 feet in depth, not more than [four] 4 feet in width, and [six] 6 feet in height or as high as the traveling space, if the traveling space is less than [six] 6 feet high. Room necks and crosscuts may be used as shelter holes even though their width exceeds [four] 4 feet.

(3) Shelter holes shall be kept clear of refuse and