

A person may not travel on foot to or from his work on any slope, plane, or haulage road, unless no other road is provided or available for that purpose, and then only when permitted by the mine foreman. No person, except an official or a repairman may travel on slopes or planes while cars are in motion on them.]

[7-424.

In any mine wherever the condition of grade, weight to be moved, and distance of movement, or any of them, render the placing of mine cars liable physically to injure the miners if they are required to place the cars by their own exertions, the Bureau by rule or regulation may require that the cars be placed at a convenient location in the heading, room, or other excavation point where the miners are at work so the cars need not be moved further.]

[7-425.

(a) (1) Installation and Equipment. Each mine shall be ventilated by a main fan installed on the surface in a fireproof housing, situated not less than 15 feet from the nearest side of the mine opening. It shall be equipped with fireproof air ducts and ample pressure relief or explosion doors. However, in a mine where the air is of a purity that it contains at least 19.5 percent oxygen and not more than 0.75 percent carbon dioxide, a fan is not required. If the bureau determines that the purity of air is below these standards, it shall order the installation of a fan or other mechanical device to insure the purity of the air. An existing fan that is offset any distance from the mine opening need not be moved if it otherwise complies with the provisions of this subsection.

(2) Alternative as to Location. Instead of locating the fan and pressure relief or explosion doors, as required by paragraph (2) of the subsection, the fan may be directly in front of or over the mine opening, if the opening is not in direct line with possible forces coming out of the mine if an explosion occurs. If there is another opening having a weak-wall stopping or explosion door that would be in direct line with the forces coming out of the mine if an explosion occurs, the opening may not be less than 15 feet nor more than 100 feet from the fan opening. No main fan may be placed inside any mine.

(3) Reversal of Air Flow; Alarm When Fan Slows or Stops; Fan in Gassy Mine To Be on Separate Circuit. Every mine fan shall be installed to permit the reversal of air flow and, unless the fan is attended constantly, an automatic device to give alarm when the fan slows down or stops. This device shall be placed so that a responsible person can see or hear it. The fan of a gassy mine shall be on a separate power circuit, independent of the mine circuit.