§ 57.4560 Mine entrances.

For at least 200 feet inside the mine portal or collar timber used for ground support in intake openings and in exhaust openings that are designated as escapeways shall be—
(a) Provided with a fire suppression system, other than fire extinguishers and water hoses, capable of controlling a fire in its early stages; or
(b) Covered with shotcrete, gunite, or other material with equivalent fire protection characteristics; or
(c) Coated with fire-retardant paint or other material to reduce its flame spread rating to 25 or less and maintained in that condition.

§ 57.4561 Stationary diesel equipment underground.

Stationary diesel equipment underground shall be—
(a) Supported on a noncombustible base; and
(b) Provided with a thermal sensor that automatically stops the engine if overheating occurs.

§ 57.4600 Extinguishing equipment.

(a) When welding, cutting, soldering, thawing, or bending—
(1) With an electric arc or with an open flame where an electrically conductive extinguishing agent could create an electrical hazard, a multipurpose dry-chemical fire extinguisher or other extinguisher with at least a 2-A:10-B:C rating shall be at the worksite.
(2) With an open flame in an area where no electrical hazard exists, a multipurpose dry-chemical fire extinguisher or equivalent fire extinguishing equipment for the class of fire hazard present shall be at the worksite.

(b) Use of halogenated fire extinguishing agents to meet the requirements of this standard shall be limited to Halon 1211 (CBrClF₂) and Halon 1301 (CBrF₃). When these agents are used in confined or unventilated areas, precautions based on the manufacturer’s use instructions shall be taken so that the gases produced by thermal decomposition of the agents are not inhaled.

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