(3) Take other special precautions to address the specific conditions at the mine to prevent premature detonation.

§ 56.6903 Burning explosive material.

If explosive material is suspected of burning at the blast site, persons shall be evacuated from the endangered area and shall not return for at least one hour after the burning or suspected burning has stopped.

§ 56.6904 Smoking and open flames.

Smoking and use of open flames shall not be permitted within 50 feet of explosive material except when separated by permanent noncombustible barriers. This standard does not apply to devices designed to ignite safety fuse or to heating devices which do not create a fire or explosion hazard.

§ 56.6905 Protection of explosive material.

(a) Explosive material shall be protected from temperatures in excess of 150 degrees Fahrenheit.

(b) Explosive material shall be protected from impact, except for tamping and dropping during loading.

Subpart F—Drilling and Rotary Jet Piercing

DRILLING

§ 56.7002 Equipment defects.

Equipment defects affecting safety shall be corrected before the equipment is used.

§ 56.7003 Drill area inspection.

The drilling area shall be inspected for hazards before starting the drilling operations.

§ 56.7004 Drill mast.

Persons shall not be on a mast while the drill-bit is in operation unless they are provided with a safe platform from which to work and they are required to use safety belts to avoid falling.

§ 56.7005 Augers and drill stems.

Drill crews and others shall stay clear of augers or drill stems that are in motion. Persons shall not pass under or step over a moving stem or auger.
§ 56.7053  Moving hand-held drills.
Before hand-held drills are moved from one working area to another, air shall be turned off and bled from the hose.

§ 56.7055  Intersecting holes.
Holes shall not be drilled where there is a danger of intersecting a misfired hole or a hole containing explosives, blasting agents, or detonators.

§ 56.7056  Collaring in bootlegs.
Holes shall not be collared in bootlegs.

§ 56.7801  Jet drills.
Jet piercing drills shall be provided with—
(a) A system to pressurize the equipment operator’s cab, when a cab is provided; and
(b) A protective cover over the oxygen flow indicator.

§ 56.7802  Oxygen hose lines.
Safety chains or other suitable locking devices shall be provided across connections to and between high pressure oxygen hose lines of 1-inch inside diameter or larger.

§ 56.7803  Lighting the burner.
A suitable means of protection shall be provided for the employee when lighting the burner.

§ 56.7804  Refueling.
When rotary jet piercing equipment requires refueling at locations other than fueling stations, a system for fueling without spillage shall be provided.

§ 56.7805  Smoking and open flames.
Persons shall not smoke and open flames shall not be used in the vicinity of the oxygen storage and supply lines. Signs warning against smoking and open flames shall be posted in these areas.

§ 56.7806  Oxygen intake coupling.
The oxygen intake coupling on jet piercing drills shall be constructed so that only the oxygen hose can be coupled to it.

§ 56.7807  Flushing the combustion chamber.
The combustion chamber of a jet drill stem which has been sitting unoperated in a drill hole shall be flushed with a suitable solvent after the stem is pulled up.

Subpart G [Reserved]
Subpart H—Loading, Hauling, and Dumping

SOURCE: 53 FR 32520, Aug. 25, 1988, unless otherwise noted.

TRAFFIC SAFETY

§ 56.9100  Traffic control.
To provide for the safe movement of self-propelled mobile equipment—
(a) Rules governing speed, right-of-way, direction of movement, and the use of headlights to assure appropriate visibility, shall be established and followed at each mine; and
(b) Signs or signals that warn of hazardous conditions shall be placed at appropriate locations at each mine.

§ 56.9101  Operating speeds and control of equipment.
Operators of self-propelled mobile equipment shall maintain control of the equipment while it is in motion. Operating speeds shall be consistent with conditions of roadways, tracks, grades, clearance, visibility, and traffic, and the type of equipment used.

§ 56.9102  Movement of independently operating rail equipment.
Movement of two or more pieces of rail equipment operating independently on the same track shall be controlled for safe operation.

§ 56.9103  Clearance on adjacent tracks.
Railcars shall not be left on side tracks unless clearance is provided for traffic on adjacent tracks.